

The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

WA5QCP on the Solar Cycle

It appears that Sunspot Cycle 23 is going nowhere. After beginning to rise, it is now in a slump that began over a month ago (this was written July 7). Could the minimum still be ahead? I hope we are not headed into another "Maunder minimum" like they had from 1645 to 1715. In his book *The Sun as a Star*, p. 91, Roger J. Taylor says "... with something like a Maunder minimum occurring typically every 200 years but a significant variation in the spacing." In *Exploring the Sun*, Karl Hufbauer shows on p. 276 a graph from carbon-14 data that only has 9 such minima in 5000 years. A similar graph on p. 220 of *The Sun, Our Star* by Robert W. Noyes covers 7000+ years with 12 such minima. These last two would have such a minimum no less than 550 years, on average.

I hope something improves propagation on our band before the commercial interests decide it is only good for line-of-sight communications and want to grab it. It appears that such propagation is considered by them to be "interference" and that helps to keep them at bay.

Anyone work Roatan Is.?

Received too late to help our readers. HR6/CX3CE, HR6/CX4CR and HR6/CX3AN are supposed to be on Roatan Island (IOTA NA-057) from August 23 to September 3 with all HF bands (including WARC) and 6 meters. QSL via CX3CE, Box 244, Montevideo 11000, URUGUAY.

Evaluation of 50 MHz Transceivers

Sam Goda, WA6JRA, sends the following update to his 4/12/96 evaluation (Published in September 1996 Bulletin).

1. After studying the current models, none of the older & newer 6m sets merit a scale = 3 for serious 6m DXing.
2. Reduced the 6m scale of the IC-575H from 2 to 1, IC-736 from 3 to 2, JST-245 from 3 to 2, with all others remaining the same.
3. In newer sets, Icom IC-756 (scale = 2 because the receiver lacks sensitivity & poor S-meter calibration); Yaesu FT-920 (scale = 2, however the FT-920 is prone to "Yaesu Sound" by operator errors. Thus the scale can vary from 2 to 00); Kenwood TS-570S (scale = 2).

However, please note that most all 6m sets are acceptable for casual-average-not serious 6m work.

Comments re: Another Band Plan

Several proposals to establish an International DX Window in the lower portion of the 50 MHz band have been tossed around since the end of cycle 20 and the incredible problems encountered with cycle 21.

* In an attempt to unclutter the low end of the band, 50.2 MHz was designated as the 'Domestic SSB Calling Frequency' in the ARRL '6 Meter Band Plan'. Unfortunately this did not work

A. First of all, we should immediately avoid the use of 50.100 to 50.120 for 'domestic' purposes. This includes scatter work, mobiling, grid squaring, contests, general rag chewing, etc.

B. We should adhere to this plan at all times, whether we think the band is open or not! This applied to all forms of propagation as well, be it "E", "back scatter", "Aurora", "T/E", etc. and not just "F2".

C. We should use 50.110 for calling 'CQ-DX' only!

D. We should use 50.125 and above for all domestic types of operation, including those described above in 'A.'

E. We should keep our DX QSOs in the window as short as possible, thus allowing everyone an opportunity to work the DX station.

F. If we want to 'rag chew' with a DX station, we should move them out of the DX Window!

G. Here on the West Coast, we should avoid running JAs, VKs & ZLs in the DX Window. Similarly, East Coast stations should avoid the same with European stations, etc.

H. If we call 'CQ' in the DX Window and a 'domestic' station responds, we should immediately move out of the DX Window.

I. Finally, we should politely inform others (but not in the DX Window) about the band plan and request their support of the plan.

Six meters is a Magical Band! . . . and we are only just being teased by the possibilities of cycle 22. This is a BIG band . . . 4 MHz wide! Giving up 20 kHz at the low end of the band is not going to impact any of us significantly! 50.125 MHz as a new Domestic Calling Frequency is a reasonable compromise. This really is one of the 'last frontiers' of Amateur Radio. A comprehensive band plan, established by responsible amateurs, will enhance the band now and for many solar cycles to come.

How about it? Can I count on your support of this band plan? Let's start now and together we can make a difference!

Thanks in advance for your support! Your constructive comments are welcomed. CU on 6!

BOB MAGNANI - K6QXY (Received September 8, 1988)

June-August 97 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in FIVE NINE and *V,UHF DX Topics* in MOBIL HAM, GJ4ICD's *Internet Six-Nets* (marked with #), G4UPS, VK3OT, VE7SKA, YO7VS, SM7FJE, EH8BPX, K6QXY, WB7QBS, XE2HWP, KM1E, W0MTK, and postings on the Internet. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1997. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, T=Television, W=mode not mentioned, H=heard only.

Reports of Africa

CANARY IS.

07121302 EH8BPX IL18 > J065ML W SM7FJE
07151028 EH8BPX IL18 > J066 SM7AED

CEUTA & MELILLA

07141040 EH9IB IM85 > J066 SM7AED
07160915 EH9IB 55 > IO80JV H G4UPS
07241006 EH9IB 58-->59+ WKG G > IO80 H G4UPS

EGYPT

06030812 BUIER 59/56 KM74 > KN14 S YO7VS

MADEIRA IS.

07092050 CT3HE 55/53 IM12OP 50.20 S EH8BPX
07130740 CT3FT IM13 > J066 SM7AED
07130802 CT3FT IM13 > J065ML W SM7FJE
07141058 CT3FT 57 > IO80JV H G4UPS
07151042 CT3HE IM12 > J066 SM7AED
07161523 CT3FT 59/59 IM13 50.20 S EH8BPX

MOROCCO

07021847 CW8LI WKG F > IO80JV H G4UPS
07031830 CW8LI 55 -1858 > IO80JV H G4UPS
07141339 CW8LI 59/59 IM64 SAID > IO80 S G4UPS
07141920 CW8LI IM64 > J066 SM7AED

Reports of Asia (MidEast)

CYPRUS

06011022 5B4JE 59/59 KM64MJ > KN14 S YO7VS
06101559 5B4/DF2UU 59/59 KM64>KN14 C YO7VS
06180557 5B4/DF2UU 59/59 KM64 > KN14 S YO7VS
06181418 5B4JE 57/55 KM64MI > KN14 S YO7VS

GEORGIA

06111127 4L50 59/59 LW21DW > KN14 S YO7VS
06141250 4L50 59/59 LW21DW > KN14 C YO7VS

ISRAEL

06131518 4E5AO 58/57 KM72MJ > KN14 S YO7VS
06141020 4E4TL 59/58 KM72KD > KN14 S YO7VS
06181441 4E5AO 57/57 KM72MJ > KN14 S YO7VS
06211223 4X1IE/4X 59/59 KM73> KN14 C YO7VS
06211308 4E4TL 59/57 KM72 > KN14 S YO7VS
06211311 4X1IE/4X 57/51 KM73 > KN14 S YO7VS
06211321 4E5AO 59/59 KM72MJ > KN14 S YO7VS

06231610 4X1IF 59/529 KM72 > KN14 C YO7VS
07091230 4X6OM 59/54 KM72JB > KN14 S YO7VS
07171010 4E5JA 59/59 CHRISTI > KN14 S YO7VS
07190631 4X1IF KM72 > J066 SM7AED
07190644 4E5JA KM72 > J066 SM7AED
07190655 4X1IF 59/419 KM72 > KN14 C YO7VS
07190733 4E5JA 559 -0736 > IO80JV H G4UPS
08021610 4E5JA 59 -1810 EA7KW

LEBANON

06010643 OD5SB 59/57 KM74VI TRIPOLI S YO7VS
06091054 OD5SB 57/57 KM74VJ > KN14 S YO7VS
06101107 OD5SB 57/57 KM74VJ > KN14 S YO7VS
06271149 OD5SB 57/55 KM74VJ > KN14 S YO7VS

TURKEY: During 18 days of activity, YM7PA had 1106 QSOs with 44 different DXCC countries. Best DX was VE1ZZ on July 12.

07031724 YM7PA KN91 > J066 W SM7AED
07091641 YM7PA 59/59 KM91QC> KN14 C YO7VS
07100550 YM7PA -0710 > J066 H SM7AED
07100610 YM7PA 59/59 KM91QC> KN14 C YO7VS
07121123 YM7PA 59/55 KM91QC > KN14 S YO7VS
07131600 YM7PA KN91, 1617 SSB C SM7AED
07140909 YM7PA > IO91 G3HBR
07150828 YM7PA HRD > J066 SM7AED
07151128 YM7PA 59/59 KM91QC> IO80JV S G4UPS
07151136 YM7PA 59/59 KM91QC C G4UPS
07170634 YM7PA 59/55 KM91QC > KN14 S YO7VS
07170940 YM7PA KEYSER 579 > IO80JV H G4UPS
07190720 YX7ZA 449 & SSB > IO80JV H G4UPS
07200525 YM7PA -0800 > J066 H SM7AED
07200753 YM7PA KEYSER 339 -0757 B G4UPS
07201036 YM7PA KEYSER 599 > IO80JV H G4UPS

Reports of Asia (Far East)

CHINA

07260358 BOOM QSL VIA BV2KI 50.115 JO1GIY
07260403 BOOM 50.115 JH1KUP
07270152 BOOM 240° 56/59 50.115 JA1RJU
07270257 BOOM 59 QSB 50.114 JR2NET
07270414 BOOM 50.115 JZ2COE
07270452 BOOM 50.115 JA1KAW
07270457 BOOM IOTA AS-113 50.114 JR2NET
07270505 BOOM 50.115 JF1UVJ
07270614 BOOM 50.115 C J1WHS
07270717 BO1/JFIRIW 50.115 JZ2DWE
07290813 BOOM 240° 599 50.115 JH4RCD/1
07290844 BOOM 50.115 JK1BLD
07300231 BOOM 50.115 JK7KIH
07300301 BOOM 50.115 JA1KAW
07300311 BOOM 240° QSL:BV2KI 50.116 C JA9BHE
07300350 BO1/JA1JKG 50.116 JA9BHE
07300415 BOOM 50.117 JA3JTG
07300420 BOOM 240° 50.117 JR0QFA
07300615 BOOM 50.115 J1WHS
08150944 BG7LP/7 59 OL72CG 50.150 VR2IL
08160142 BG7IB/7 250° 59 50.110 JA6QGG
08160146 BG7LP/7 240° 50.110 S JA3EGE
08170000 BG7IB/7 50.110 VR2IL
08170023 BD7JA/7 50.110 VR2IL
08180317 BD7KW 250° 59 50.110 JA1RJU

HONG KONG

07270403 VR2SAR 240° 59/55 50.110 JO1GIY
08020000 VR2IL, VR97LC, VR2SIX B JA
08020055 VR2IL H0BQX
08050900 VR2SIX B JR6
08180322 VR2KMT 250° 53 50.110 JA1RJU
08180325 VR2IL 250° 55-57 50.110 JA1RJU
08180327 VR2KMQ 250° 53 QSB 50.110 JA1RJU
08202100 VR97LC 50.130 H0BQX

JAPAN

07270220 JA7EMA 50.027 B V73AT
08020200 JAL, 2, 3, 4, 5, 6 -0300 50.125 BV4PH
08180326 JA1RJU 30° 57 50.110 VR2IL
08180331 JA2GTF 30° 57 50.120 VR2IL
08180343 JR2NET 30° 51 50.110 VR2IL
08180347 JO6EDD 51 50.110 VR2IL
08191241 JH0LTJ 30° 51 50.160 H VR2IL

KOREA, South

07300605 HL1LTC 300° 59 50.110 JO6EDD
08160000 DL1BSJ 270° 50.150 JR0QFA

Russian Federation (Asia)

07180812 RW0CD 0° 50.110 JR3HED
07200828 RW0CD 350° 599 50.110 JA1RJU
07200835 RW0CD 50.110 C JK7KIH
07200935 RW0CD 50.110 C JA1KAW
07220235 UA0COO 59 50.180 JR2HCB
07280752 RW0CD 350° 579 50.110 JA1RJU
07290000 RW0CD 350° 599 50.110 JR0QFA
07290753 UA0EBK/0 350° 599 50.115 JA1RJU
08020843 RW0CD -0900 JA
08022327 RW0CD -0130 JA
08030100 RW0CD 350° 579 50.110 JA1RJU
08040928 UA0EBK/0 355° 57 50.170 JR2HCB
08040939 RW0CD 360° 57 QSB 50.160 JR2HCB
08100726 UA0CO 350° 59 50.180 JR0QFA
08100908 UA0EBK/0 355° 59 50.180 JR2NET

TAIWAN

07220530 BV2FB 50.001 B JE2DWE

07220534 BV2FG 240° 599 50.000 B JR2HCB
07260341 BV1YA 230° 59 50.120 JE4JFP/4
07260346 BV1YA 50.119 JH1KXW
07280254 BV2FG 50.001 JE2DWE
08020000 BV2FG, BV2SR, BV4PH -0300 B JA

Reports of Europe

EUROPE GENERAL

07010735 EUR IBERAND TV > IO80JV I G4UPS
07100728+EUR IBERAND TV STROMG > IO80 I G4UPS
07120957 EUR IBERAND TV > IO80JV I G4UPS
07130714+EUR IBERAND TV STROMG 50.170 I G4UPS
07141400+EUR IBERAND TV STROMG > IO80 I G4UPS
07150754+EUR IBERAND TV VY STROMG I G4UPS
07151043+EUR IBERAND TV VY STROMG I G4UPS
07170950 EUR IBERAND TV > IO80JV I G4UPS
07201100 EUR IBERAND TV -1200> IO80JV I G4UPS
07221025 EUR IBERAND TV -1105> IO80JV I G4UPS
07261424-EUR VID S9 48.242/.249>EL97 V W1LP/WH

ALAND IS.

06030729 OHOLIS 59/559 KO09KW> KN14 C YO7VS
06241708 OHOB 59/59 JP90KI > KN14 S YO7VS
07121200 OHOKCE, OH0JLQ 59 > IO80JV H G4UPS
07150758 OHOKCE 59/55 JP90XG > KN14 S YO7VS
07221810 OHOB JP90 > J066 SM7AED
07221923 OH0AA JP90 > J066 SM7AED

ALBANIA

07141900 EALME 57/55 JH91WV > IO80JV S G4UPS
07240957 EALME 559 > IO80JV H G4UPS

AUSTRIA

06030516 OE2UKL 579/559 MS? > KN14 C YO7VS
06040648 OESEBO 59/59 JH68KD > KN14 S YO7VS
06041143 OESEBF 59/59 JH68MA > KN14 S YO7VS
07130748 OE5XBL 59/59 JH68PC KURT S G4UPS
07150954+OE6MG 57 > IO80JV H G4UPS
07172129 OE2UKL 599/599 JH67LK KURT C G4UPS
07192033 OE6LGO 57/59 JH76RT 50.20 S EH8BPX
07201030+OE6MG 599 > IO80JV H G4UPS
07201036+OE6MG 57 > IO80JV H G4UPS
07201100+OESEBF 44 -1200 > IO80JV H G4UPS
07221041 OE6MG 55 WKG IWO > IO80JV H G4UPS
07281749+OE4WHG 55 > IO80JV H G4UPS

AZORES

07081635 CU2/DL3LAB 57/55 HM77> IO80 S G4UPS
07121110 CU2/DK20Y HM77 > J065ML W SM7FJE
07121142 CU2/DK20Y HM77 > J066 SM7AED
07131105 CU3URA/SIX HM68>J066 -1200 B SM7AED
07141024 CU2/DL3LAB HM77 > J066 SM7AED
07151100 CU3URA > J066 B SM7AED

BALEARIC IS.

06161215 EHGADW 59/55 JM19 > KN14 S YO7VS
06161232 EHGSA 529/529 JM19 > KN14 C YO7VS
06220947 EHGFB JM08 > J065ML W SM7FJE
06290902 EHGFB 59/57 JM08 > KN14 S YO7VS
07140748 EHG 50.110 > J066 H SM7AED
07141521 EHGSA JM19 > J066 SM7AED
07151318+EHGSA 599 -1400 > IO80JV H G4UPS

BELARUS

06040418 EU1AB 599/599 KO33SU MINSK C YO7VS
06040528 EU1AA 599/599 KO33BJ > KN14 C YO7VS
06080547 EU1AB 599/599 KO33BJ > KN14 C YO7VS
06080602 EU1AA 599/599 KO33BJ > KN14 C YO7VS
06170912 EU1AA 59/59 KO33BJ > KN14 S YO7VS
07150754 EU1AA 599/599 KO33BJ BEM C G4UPS

BELGIUM

06040615 OH1IM *9/59 J011UE > KN14 S YO7VS
06040652 OH1AP 59/59 J020AT > KN14 S YO7VS
06091828 OH9BGP 57/55 J021LH > KN14 S YO7VS
06091838 OH4FE 57/59 J010EX > KN14 S YO7VS
06131054 OH4AMX 57/57 J020KV > KN14 S YO7VS
06211434 OH4FE 59/59 J020 > KN14 S YO7VS
06300743 OH4FE 59/59 J010DX > KN14 S YO7VS
06300802 OH4FE 59/59 J020KQ > KN14 S YO7VS
07141011 OH1BCJ J011 > J066 SM7AED
07171145 OH1DDG 57/57 J011PC > KN14 S YO7VS
07200903 OH1DDG 57/59 J011PC > KN14 S YO7VS
07200906 OH4FE 57/55 J010EX > KN14 S YO7VS
08042047+OH W KN1H

BOSNIA-HERZEGOVINA

07031626 T97M 59 > IO80JV H G4UPS
07200906 T97V KM84 > J066 SM7AED

BULGARIA

06071409 LE1JH 599/599 KB32AS > KN14 C YO7VS
07040702 LS2TU > J066 H SM7AED
07190705 LE1AG KB32 > J066 SM7AED
07200647 LS2FO KN13 > J066 SM7AED

CORSICA

06161240 TK/DL1BKK/P 59/59 JH41PM S YO7VS

CRETE

06101608 SV9/DL8SET 57/56 KM15> KN14 S YO7VS
06121232 SV9AKN 59/55 KM25H1 > KN14 S YO7VS
06121243 SV9/DL8SET 59/57 KM15> KN14 S YO7VS

CROATIA

07031142 9A3FT 59/59 JH83 RNNY S G4UPS

07031144 9A3XR 57/57 JN83 ANDRO S G4UP5
07031452+9A3FT 559 > IO80JV H G4UP5
07111832 9A3FT JN83 > JO66 SM7AED
07141814 9A4OP 59/59 JN85AT OT0-IO80 S G4UP5
07162002 9A2UW 599/599 JN85AT > IO80 C G4UP5
07200909 9A1CAL JN86 > JO66 SM7AED
07210111 9A2UW 579 > IO80JV H G4UP5
07250853 9A2DI 51/55 JN95IM 50.20 S EH8BFX
07281036 9A3FT 599/599 JN83FM RBNHY C G4UP5
07281833 9A2UW 569, 9A7V 59 > IO80JV H G4UP5
07281838+9A4OP 55 -1850 > IO80JV H G4UP5
07281911 9A3FT 559 > IO80JV H G4UP5

CZECH REPUBLIC

06040532 OK1MP 599/599 JO70FC > KN14 C YO7VS
06040542 OK2RX 599/559 KN89IE > KN14 C YO7VS
06040547 OK1ABF 599/579 JO60SF > KN14 C YO7VS
06040655 OK1KT 59/59 JO70WE > KN14 S YO7VS
06050832 OK2BD5 599/599 JN70 > KN14 C YO7VS
06171009 OK1VW 599/599 JN78FX > KN14 C YO7VS
07212059+OK1DDO 599 > IO80JV H G4UP5
07212144 OK1DDO JO60 > FN53 50.106 C KM1E
07130756+OK1BO 59 > IO80JV H G4UP5
07141400+OK1BO 59 > IO80JV H G4UP5
07141900+OK1NR 599, OK1JL 59 > IO80JV H G4UP5
07141900+OK2DW 579 > IO80JV H G4UP5
07170954 OK2E5 55 > IO80JV H G4UP5
07171300+OK2RX 59 > IO80JV H G4UP5
07172120 OK1FED 599/599 JO60 > IO80JV C G4UP5
07241727 OK1DDO 44 -1800 > IO80JV H G4UP5

DENMARK

06010612 082ES 59/59 JO55RT > KN14 S YO7VS
06010622 089IT 59/59 JO46HW > KN14 S YO7VS
06031341 082QF 599/599 JO45VB > KN14 C YO7VS
06031402 082QF 53/53 JO45VB > KN14 S YO7VS
06050543 083SD 59/59 JO65PF > KN14 S YO7VS
06050727 081JTE 59/59 JO65ER > KN14 S YO7VS
06060742 082OP 59/59 JO65ET > KN14 S YO7VS
06060839 082/FLCPX 59/59 JO64BX > KN14 S YO7VS
06060847 082ABE 59/59 > KN14 S YO7VS
06070940 084VW 599/539 JO46 > KN14 C YO7VS
06071912 082QF 599/599 JO45VB > KN14 C YO7VS
06080720 081IEP 59/58 JO65ER > KN14 S YO7VS
06091813 082TG 59/59 JO45VU > KN14 S YO7VS
06091843 086JI 57/59 JO45UT > KN14 S YO7VS
06091858 085DE 55/59 JO56 > KN14 S YO7VS
06091905 087KW 59/59 JO46UA > KN14 S YO7VS
06091908 088ES 599/599 JO55RT > KN14 C YO7VS
06151022 083EW 599/599 > KN14 C YO7VS
06211147 086MTR 59/55 JO65 > KN14 S YO7VS
06211208 083EW 599/559 JO54 > KN14 C YO7VS
06231005 085AGJ 59/59 BENNY > KN14 S YO7VS
07051049 082LD MS > IO80JV H G4UP5
07061059 083EW 579/559 JO54 TOR MS C G4UP5
07100753+086VHF 589 > IO80JV B G4UP5
07121235 089IT 55/59 50.20 S EH8BFX
07131100 086ABA 59/59 JO57DJ > KN14 S YO7VS
07150849 081FIT 59/59 JO65CU > KN14 S YO7VS
07151024 081CLL 59/59 JO65 50.20 S EH8BFX
07151042 081FQW 55/52 JO56EH 50.20 S EH8BFX
07151222 081HDF 55/59 JO65 50.20 S EH8BFX
07151223 081TQ 55/53 JO65 50.20 S EH8BFX
07151225 082LD 59/57 JO54TU 50.20 S EH8BFX
07161015 087IGY 599 > IO80JV B G4UP5
07161034 081CLL 599/599 JO65 > IO80JV B G4UP5
07161131 082LD 59/59 JO54 > IO80JV B G4UP5
07161522 082LD 55/59 JO54TU 50.20 S EH8BFX
07161606 086AGJ 59/59 BENNY > IO80JV S G4UP5
07170540 081CDE 53/53 JO65 > KN14 S YO7VS
07170621 082LD 59/56 100MW > KN14 S YO7VS
07170637 081DWN 59/59 JO54 > KN14 S YO7VS
07171300 086VHF 599 > IO80JV B G4UP5
07171900 082LD JO55 > FN53 50.125 C KM1E
07172101 081CDE 51/51 JO65 50.20 S EH8BFX
07172106 087IS 57/55 JO65DJ 50.20 S EH8BFX
07172113 086OL 57/58 JO65DJ 50.20 S EH8BFX
07172114 081DWN 53/59 JO54UQ 50.20 S EH8BFX
07172115 085GF 55/57 JO54WE 50.20 S EH8BFX
07172119 086ABA 53/53 JO57JD 50.20 S EH8BFX
07200810 085AGJ 57/57 JO56DF > KN14 S YO7VS
07261500+087IGY 579 > IO80JV B G4UP5
07261505 081DWN 59/59 JO54UQ JAM S G4UP5
07261553 081FDR/A 599/599 JO55 CLAUS C G4UP5
07261553 088ABA 59, 082LD 59 > IO80JV H G4UP5

ENGLAND

06030617 01EFL 57/57 MIKE > KN14 S YO7VS
06030622 00PIK 57/56 ALWYN > KN14 S YO7VS
06030636 04FNI 44/54 IO90BR > KN14 S YO7VS
06091822 04DCJ 59/59 DAVE > KN14 S YO7VS
06091827 07RRD 59/59 IO92XT > KN14 S YO7VS
06091829 04WHD 59/59 IO92EP > KN14 S YO7VS
06091832 04AFJ 59/59 IO92HO > KN14 S YO7VS
06091834 01LAL 59/59 JO02MD > KN14 S YO7VS
06091835 07ORC 59/59 JO01OV > KN14 S YO7VS
06091836 061QL 57/58 IO92AJ > KN14 S YO7VS
06091837 04DEZ 47/57 > KN14 S YO7VS
06091840 01BKI 57/57 JIM > KN14 S YO7VS
06091942 04ASR 599/559 IO81MD > KN14 C YO7VS
06131122 03EUV 579/559 IO91WP > KN14 C YO7VS
06141247 01LAL 47/56 LONDON > KN14 S YO7VS
06141318 04AJC 579/579 IO91VJ > KN14 C YO7VS
06141322 03FPQ 59/59 IO91NE > KN14 S YO7VS
06141324 03IMV 59/59 IO91OX > KN14 S YO7VS
06141337 04IGO 599/559 IO81BW > KN14 C YO7VS
06141342 03OIC 579/549 IO92BJ > KN14 C YO7VS
06141840 04KUX 59/55 JO94BP > KN14 S YO7VS
06180602 08BQX 59/59 JO00GU > KN14 S YO7VS
06180625 07EXO 59/55 IO91PG > KN14 S YO7VS
06180637 04HBA 599/559 IO80WT > KN14 C YO7VS
06181832 00GMS 579/579 IO91UB > KN14 C YO7VS
06181844 01YLP 58/55 JO02OB > KN14 S YO7VS
07050748 04UPE E-SCATTER > JO66 W SM7AED
07050754 03CCH M/S > JO66 W SM7AED

07060748 03CCH M/S > JO66 S SM7AED
07072013 06SDT 59/55 IO70HE 50.20 S EH8BFX
07080738 M/PELIPS/R IW69 SCILLY IS. S G4UP5
07110742 04UPE IO80 > JO66 SM7AED
07120742 04UPE IO80 > JO66 SM7AED
07121243 01ALH 51/51 50.20 S EH8BFX
07121245 03IMV 55/57 IO91OX 50.20 S EH8BFX
07121247 03SKR 55/55 IO91 50.20 S EH8BFX
07121247 08GFF 55/57 JO01PF 50.20 S EH8BFX
07121249 03VMJ 51/51 JO01GR 50.20 S EH8BFX
07121252 03BDL 55/55 JO01 50.20 S EH8BFX
07121252 06HKM 56/55 JO01 50.20 S EH8BFX
07121256 081DPG 51/55 IO93TA 50.20 S EH8BFX
07121257 03JTC 57/57 IO93TA 50.20 S EH8BFX
07121300 021FRA 51/52 IO93 50.20 S EH8BFX
07121303 01ALH 51/51 JO02MD 50.20 S EH8BFX
07121305 061JW 57/56 IO91VH 50.20 S EH8BFX
07121311 07DWI 51/51 JO00 50.20 S EH8BFX
07121314 01LAB 51/54 IO92 50.20 S EH8BFX
07140748 04UPE > JO66 SM7AED
07140752 03CCH MS > JO66 SM7AED
07141020 03HBR > JO66 SM7AED
07150753 03CCH IO93 M/S > JO66 SM7AED
07151253 06YIN 59/59 IO93BT 50.20 S EH8BFX
07151258 07LKK/M 59/55 IO93IQ 50.20 S EH8BFX
07151259 08WLF 59/59 IO93 50.20 S EH8BFX
07151300 04AFJ 51/51 IO92HO 50.20 S EH8BFX
07171118 04KWR 57/55 IO82XR > KN14 S YO7VS
07171123 041UE 57/57 JO01CT > KN14 S YO7VS
07171132 00GRS 59/59 JO02PB > KN14 S YO7VS
07171149 03AKU 57/57 IO92GR > KN14 S YO7VS
07171310 00JNC 579/559 IO83 > KN14 C YO7VS
07171312 03MY 599/579 IO93DI > KN14 C YO7VS
07171337 00WIA 55/59 IO83IM > KN14 S YO7VS
07171339 07RRD 59/59 IO92XT > KN14 S YO7VS
07171340 01BQX 59/59 IO93XD > KN14 S YO7VS
07171343 01VGO 59/59 IO93HM > KN14 S YO7VS
07171344 06HUE 57/57 IO92XW > KN14 S YO7VS
07171345 08CWD 59/59 TED > KN14 S YO7VS
07171422 03CGR 599/599 IO81WB > KN14 C YO7VS
07171812 04HBA IO80 > FN53 50.108 C KM1E
07171820 04UPE IO80 > FN53 50.114 C KM1E
07171823 06APD IO81 > FN53 50.113 C KM1E
07171835 04PCI IO91 > FN53 50.136 C KM1E
07171854 03HTA IO94 > FN53 50.114 C KM1E
07171950 00AOS > FN53 50.104 C KM1E
07172238 06YIND 59/59 IO93BT 50.20 S EH8BFX
07172240 03FPQ 51/51 IO91 50.20 S EH8BFX
07172241 04FV 52/52 IO94PM 50.20 S EH8BFX
07172242 03WQM 51/57 IO93RX 50.20 S EH8BFX
07172243 04EHD 55/57 IO93BB 50.20 S EH8BFX
07172243 06AUS 55/55 IO82LU 50.20 S EH8BFX
07172245 08TIC 55/57 IO82VF 50.20 S EH8BFX
07172246 03IBI 55/55 IO90 50.20 S EH8BFX
07172247 08RZA 51/54 JO01BO 50.20 S EH8BFX
07172251 07BEE 51/51 IO81 50.20 S EH8BFX
07172252 01MCH 51/51 IO81GP 50.20 S EH8BFX
07172253 00GRJ 55/55 IO91FE 50.20 S EH8BFX
07172254 07RMG 55/58 IO80TU 50.20 S EH8BFX
07172259 00EVT 51/51 IO93GR 50.20 S EH8BFX
07200902 04DEZ 59/56 JO01IM > KN14 S YO7VS
07210754 03CCH IO93 M/S > JO66 SM7AED
07261230 08FBJ JO00 > JO66 SM7AED
07261732 00GNL/p IO 81 > JO66 SM7AED
0712236 6 WEAKE AURORAL Es > FN02 H W2DRZ
08042047+G W KM1H
08042129 03FPQ > FN65 W VE9AA
08042129+GORDI > FN65 W VE9AA

ESTONIA

06060542 082RJ 599/599 KO29JM > KN14 C YO7VS
06101230 081RF 579/579 KO29 > KN14 C YO7VS
06101624 082RW 599/599 KO29NI > KN14 C YO7VS
06101658 082RW 59/59 KO29NI > KN14 S YO7VS
06151010 081CW 599/599 > KN14 C YO7VS
06151011 082RW/2 599/599 KO29OB > KN14 C YO7VS
06151052 082RW/2 59/59 KO29OB EU-149 S YO7VS
06160931 086QB 59/59 KO37MU > KN14 S YO7VS
06190645 081AJ 599/599 KO29HK > KN14 W YO7VS
06190740 081RF 599/599 KO29II > KN14 C YO7VS
06241700 085DE 599/599 KO38II > KN14 C YO7VS
07100630 081H/8 59/59 KO18UK > KN14 C YO7VS
07100636 084MG 599/579 KO29WB > KN14 C YO7VS
07100648 085DE 599/579 KO38IJ > KN14 C YO7VS
07100702 081AJ KO29 > JO65ML W SM7FJE
07100753 081II/8 55 KO18 > IO80JV H G4UP5
07100753+0866IX 579 > IO80JV B G4UP5
07100849+085DE 559 > IO80JV H G4UP5
07100938 081CW 599/599 KO29 ARVO C G4UP5
07120910 081AJ 599/599 KO29HK SLAVA C G4UP5
07120910 0806IX 579 > IO80JV H G4UP5
07131051 081AQJ 579 -1105 > IO80JV H G4UP5
07141818 080I 599/599 KO17 > IO80JV C G4UP5
07150752 081AJ 59/59 KO29HK > KN14 S YO7VS
07150812 080I 599/599 KO1708 EU-039 C YO7VS
07151630 081II/8 KO18 > JO66 AURORA SM7AED
07151650 081CW KO29 > JO66 AURORA SM7AED
07152239 0806IX 569 > IO80JV B G4UP5
07160920 081CW 599/599 KO29HK ARVO C G4UP5
07161132 080I 599/599 KO1708 > IO80JV C G4UP5
07161623 081AAU 58/58 KO29HT > IO80JV S G4UP5
07161632+0806IX 559 > IO80JV B G4UP5
07200744 081AJ 59/59 KO > KN14 S YO7VS
07200748 081CW 579/579 KO > KN14 C YO7VS
07261033+0806IX, 0866IX 599 > IO80JV B G4UP5
07261039 085QA/6 59/59 KO37LQ VALERY S G4UP5
07261054+082RJ 8 55 > IO80JV H G4UP5

FAROE ISLANDS

07171957 0Y9JD W G

FINLAND

06041602 082TI 59/55 KP20KE > KN14 S YO7VS
06050506 081JE 579/539 KP01BJ > KN14 C YO7VS

06050857 085MK 579/449 KP41CD > KN14 C YO7VS
06060530 083MLP 59/59 KP11QK > KN14 S YO7VS
06060605 082MMW 59/59 KP20OI > KN14 S YO7VS
06071807 084YA 59/59 KP21FR > KN14 S YO7VS
06071855 083MLP 59/59 KP21FR > KN14 S YO7VS
06080539 083MP 599/559 KP20FR > KN14 C YO7VS
06080549 081VR 599/559 KP11BT > KN14 C YO7VS
06101236 082VZ 599/559 KP20 > KN14 C YO7VS
06101242 082MMW 57/55 KP20OI > KN14 S YO7VS
06151230 081VR 599/559 > KN14 S YO7VS
06151240 083MLP 599/559 > KN14 C YO7VS
06190852 082VZ 599/579 KP20HD > KN14 C YO7VS
06241854 086QR 599/599 KP22BM > KN14 C YO7VS
07101337+081IS 569 > IO80JV B G4UP5
07121118+083MQ 59 > IO80JV H G4UP5
07151543 086KTL KP02 > JO66 AURORA SM7AED
07151557 086KTL KP02 > JO65ML W SM7FJE
07151620 086LGM KP22 > JO66 AURORA SM7AED
07151648 081VR KP11 > JO66 AURORA SM7AED
07161606+081IS 579 > IO80JV B G4UP5
07161632+0896IX 579 > IO80JV B G4UP5
07161632+0896IX 579, 086VHF 579 > B G4UP5
07161706 081JE 59/59 KP01BJ TOPANI S G4UP5
07171130+086KTL 55 > IO80JV H G4UP5
07221015 0896IX/b KP36 > JO66 B SM7AED
07261054 082BR 59/59 KP20IC JUUKA S G4UP5

FRANCE

06010802 06CBH 59/59 JN19BH > KN14 S YO7VS
06010806 0508G 57/55 JO10GL > KN14 S YO7VS
06010840 01BBK 55/59 JO80PP > KN14 S YO7VS
06030728 06FLV 589/599 JN18AT > KN14 C YO7VS
06030849 01D5X 57/55 JN19IT > KN14 S YO7VS
06031006 06BMO 599/559 JN25BC > KN14 C YO7VS
06040844 050EG 59/58 JO10GL > KN14 S YO7VS
06041112 06BYM 59/58 JN49KO > KN14 S YO7VS
06041138 08DO 599/599 JN26IF > KN14 C YO7VS
06091856 08W 59/55 JN38EP > KN14 S YO7VS
06091901 05JRC 59/59 JN19RA > KN14 S YO7VS
06161159 06RTJ 59/59 JN12KQ > KN14 S YO7VS
06161222 08DO 599/599 MARIUS > KN14 C YO7VS
06170742 05TGC 55/59 JN67 > KN14 S YO7VS
06171837 05JDG 59/55 JN23WP > KN14 F YO7VS
06171940 05JRC 599/599 JN19RA > KN14 C YO7VS
06172011 050CF 599/599 JN23PY > KN14 C YO7VS
06180534 06FLV 59/59 JN18AT > KN14 S YO7VS
06180543 05MOO 59/57 JN07JG > KN14 S YO7VS
06180550 06EUV 599/599 JN18GT > KN14 C YO7VS
06180722 05BYM 59/59 JN49KO > KN14 S YO7VS
06181850 06CBH 59/59 JN19BH > KN14 S YO7VS
06211443 08OP 599/599 JN26MH > KN14 C YO7VS
06211446 01PUX 59/53 JN16XL > KN14 S YO7VS
06211456 01FXB 59/56 JN24 > KN14 S YO7VS
06251707 05MOO 59/59 JN07JE > KN14 S YO7VS
07021047 05BYM 55/55 JN49KO 50.20 S EH8BFX
07071950 01MKE 51/51 JN05 50.20 S EH8BFX
07091526 01BBK JN08 > JO66 SM7AED
07121145 05HRY/P JN78 > JO65ML W SM7FJE
07121347 05JUK JN98 > FN53 C KM1E
07130654 01MKE JN05 > JO66 SM7AED
07130657 05BYM JN05 > KN14 S YO7VS
07130707 01MKE 59/59 JN05QK > KN14 S YO7VS
07130718 05MKE 59/51 JN04BW > KN14 S YO7VS
07130728 08W 59/58 JN38EP JEAN C G4UP5
07131148 01JG 59/59 JN23HQ > KN14 S YO7VS
07131152 01FXB 59/55 JN24BD > KN14 S YO7VS
07140722 05OT JN03 > JO66 SM7AED
07150747 05BYM 59/57 JN49KO > KN14 S YO7VS
07151237 05JUK 55/55 JN87FR 50.20 S EH8BFX
07151318 01MKE 55/55 JN12GM BRUNO S G4UP5
07151318+08OP 579 > IO80JV H G4UP5
07151446 05HRY/P 51/51 50.20 S EH8BFX
07151400 06BAS 55 -1415 > IO80JV H G4UP5
07160718 05JGL 599/449 JN04GT > KN14 C YO7VS
07160737 05OT 59/59 JN03JO > KN14 S YO7VS
07161716 05BYM 57/59 JN49KO 50.20 S EH8BFX
07171914 06FLV JN18 > FN53 C KM1E
07172128 05JUK 55/59 JN87FR 50.20 S EH8BFX
07251111 FLAKE 59/59 JN97 50.20 S EH8BFX
07251115 01CBQ 59/59 JN87JQ 50.20 S EH8BFX
06042047+G W KM1H

GERMANY

06010655 05JAM 59/59 JO51JM > KN14 S YO7VS
06010732 05LBAW 599/559 JO44JB > KN14 C YO7VS
06010817 05LBAW 599/559 JN48TX > KN14 C YO7VS
06031356 05LMS 579/579 JOE > KN14 C YO7VS
06040534 06LHT 599/599 JO61FR > KN14 C YO7VS
06040606 05LWU 59/59 JN94HT > KN14 S YO7VS
06040617 05LWU 59/59 JO60BM > KN14 S YO7VS
06040649 04J9F 59/59 JO50UD > KN14 S YO7VS
06040657 082UA 59/59 JN39EX > KN14 S YO7VS
06040659 05LZC 59/59 JO43KE > KN14 S YO7VS
06040702 08KJG 59/59 JO52WO > KN14 S YO7VS
06040702 05LTI 57/59 JO50 > KN14 S YO7VS
06040753 05LNCI 59/59 JO50 > KN14 S YO7VS
06040822 05LHGP 599/599 JO51XK > KN14 C YO7VS
06040857 05LIE 59/59 JN49 > KN14 S YO7VS
06040913 05F3G 59/59 JN48AS > KN14 S YO7VS
06060715 05LAL 599/599 JO50JW > KN14 C YO7VS
06060723 05LHAC 59/59 JOACHIM > KN14 S YO7VS
06060734 05JGT 59/59 WOLF > KN14 S YO7VS
06071915 05FLQ 599/599 JO44XK > KN14 C YO7VS
06091816 05LRT 59/59 JO62QK > KN14 S YO7VS
06091842 05LFCJ 59/59 JO40DH > KN14 S YO7VS
06091850 05LCO 599/599 JO63EX > KN14 C YO7VS
06091936 05JEC 599/579 JO32QA > KN14 C YO7VS
06091944 05LRT 599/599 JO62QK > KN14 C YO7VS
06091947 05LSD 599/599 JO53FP > KN14 C YO7VS
06091951 05LSBO 599/599 JN58AV > KN14 C YO7VS
06092010 05LJO 59/59 HUNCHEN > KN14 S YO7VS
06092015 05LIE 59/59 DANIEL > KN14 S YO7VS
06131108 05KPK 599/559 JO30MX > KN14 C YO7VS
06141809 05LBD 59/57 JO42 > KN14 S YO7VS
06141835 05LBD 59/59 JO31UC > KN14 S YO7VS
06171018 05LHNM 599/599 JO51XK > KN14 C YO7VS

06211233 DJ6TK 599/599 JO53 > KN14 C YO7VS
 06211244 DJ9YE 599/599 JO43 > KN14 C YO7VS
 06211258 DL5BAW 599/599 JO43 > KN14 C YO7VS
 07100638 DL7FF 599/599 JO62TJ > KN14 C YO7VS
 07101556 DF5LQ JO44 > FN53 50.102 C KM1E
 07121035 DJ6TK 599 > IO80JV H G4UPS
 07121059+DL > IO80JV H G4UPS
 07130756+DF6KA 59, DL3AMA 59> IO80JV H G4UPS
 07141726 DJ5CL 599/599 JM58WH IMGO C G4UPS
 07150855 DF1AN 59/57 JO63EX > KN14 C YO7VS
 07150954+DL9USA 59 > IO80JV H G4UPS
 07151023 DL5BAW 59/59 JO43JB 50.20 S HH8BFX
 07151028 DL1ASE 53/55 JO50CT 50.20 S HH8BFX
 07151032 DJ6TK 55/57 JO53FG 50.20 S HH8BFX
 07151244 DJ4PI 55/59 JM49GB 50.20 S HH8BFX
 07151320 DF5LQ 59/59 JO44XK 50.20 S HH8BFX
 07151807 DF5LQ JO44 > JO66 AURORA SM7AED
 07161132 DJ6TK 59/59 WILF > IO80JV S G4UPS
 07171055 DL1AEE 579/579 JO50CT > KN14 C YO7VS
 07171307 DL9TH 579/599 JO51BP > KN14 C YO7VS
 07171327 DK2PH 599/599 JO41JB > KN14 C YO7VS
 07171823 DJ4BO JO44 > FN53 50.114 C KM1E
 07172125 DK8LV 55/55 JO44BJ 50.20 S HH8BFX
 07192043 DL4MDQ 53/55 JM58SF 50.20 S HH8BFX
 07200802 DK8LV 599/599 JO44IJ > KN14 C YO7VS
 07200858 DL18UE 59/59 JO53UM > KN14 C YO7VS
 07261500 DL9USA 599 > IO80JV H G4UPS
 07291057 DJ6TK 599/599 JO53 WILF C G4UPS
 07311558 DL9USA 599/599 > IO80JV C G4UPS
 08162030 DF5LQ < 2120 K1TOL
 08162116 DL9 H KM1H

GREECE

07031538+SV18IX 579 -1548 > IO80JV B G4UPS
 07031540 SV2DFA KM10 > JO66 SM7AED
 07031540+SV18IX KM17 > JO66 B SM7AED
 07041640 SV18IX > JO66 B SM7AED
 07041640 SV2DFA > JO66 H SM7AED
 07130714+SV18IX 579 > IO80JV B G4UPS
 07150745 SV18IX > JO66 B SM7AED
 07150846 SV2BEG 55 VY QSB > IO80JV H G4UPS
 07190626 SV10E KM17 > JO66SM W SM7FJE
 07191279 SV2DFA KM10 > JO66 SM7AED
 07220800 SV18IX/B > JO66 B SM7AED
 07251330 SV2DFA KM10 > JO66 SM7AED

GUERNSEY IS.

07261303 ZULFOA TM89 > JO66 SM7AED

ICELAND

07101309 TF/PA3DWD 57/559 IP03 > IO80 W G4UPS
 07101353 TF/PA3DWD 59/59 IP03 > IO80 S G4UPS
 07101650 TF/PA3DWD IP04 > JO66 SM7AED

ISLE OF MANN

06031418 QD3AHV 579/559 IO74 > KN14 C YO7VS

ITALY

06031523 ILAXE 599/599 JM34QM > KN14 C YO7VS
 06031528 ILCK/4 59/59 JM54PD > KN14 C YO7VS
 06110728 IW9DSW 59/59 JM76HK > KN14 C YO7VS
 06111257 IS9CHU 59/59 JM76JW > KN14 C YO7VS
 06121158 IW9DSW 599/599 JM76MW > KN14 C YO7VS
 06121414 IW0KSR 59/57 JM61GP > KN14 C YO7VS
 06121426 IS0ARL 59/59 JM61IU > KN14 C YO7VS
 06160902 IW9DSW 59/59 > KN14 C YO7VS
 06161012 IKOKHY 599/599 JM61IU > KN14 C YO7VS
 06161017 IKOFTA 59/59 JM61 > KN14 C YO7VS
 06161022 IKOKUH 59/59 JM61AX > KN14 C YO7VS
 06161026 IKOSMG 59/59 JM61PE > KN14 C YO7VS
 06161054 IKSEWE 59/59 JM53VB > KN14 C YO7VS
 06161103 IWSAVM 59/59 JM52NE > KN14 C YO7VS
 06161411 IK5OLO 599/559 JM53FU > KN14 C YO7VS
 06161517 IWCVBS 59/59 JM54HQ > KN14 C YO7VS
 06161543 I2AE 59/58 JM55BW > KN14 C YO7VS
 06161557 IWDIDH 59/59 JM35 > KN14 C YO7VS
 06161558 IKSYEW 59/57 JM53PU > KN14 C YO7VS
 06161622 IKIMTE 599/599 JM53UB > KN14 C YO7VS
 06170849 IKOPFA 59/59 JM61GV > KN14 C YO7VS
 06170851 I4RQE 59/59 JM63GX > KN14 C YO7VS
 06170907 IW6HNT 59/59 JM62VT > KN14 C YO7VS
 06171248 IWORGH 59/59 JM62EV > KN14 C YO7VS
 06171628 I1WAI 599/599 JM35WU > KN14 C YO7VS
 06171633 IK2XRL 599/599 JM45HW > KN14 C YO7VS
 06171635 IK3GHR 599/599 JM55QQ > KN14 C YO7VS
 06171828 I2JEB 59/59 JM45MJ > KN14 C YO7VS
 06172025 I4YSE 59/59 JM45AK > KN14 C YO7VS
 06210619 IWSAWB JM52 > JO66SM W SM7FJE
 06211421 I2OKW 59/59 JM25 > KN14 C YO7VS
 06211614 IWSAVM 59/59 JM52 > KN14 C YO7VS
 06230825 IW9DSW 599/599 JM76MW > KN14 C YO7VS
 06301340 IK4EWH 59/59 > KN14 C YO7VS
 06031523 ISUMT 59/59 JM52OT > KN14 C YO7VS
 06031546 IKOFTA 59/59 JM61GV > KN14 C YO7VS
 06031552 IKOOKY 59/59 JM61GT > KN14 C YO7VS
 06031628 IWODEI 59/59 JM61GO > KN14 C YO7VS
 07101730 I > IO80JV H G4UPS
 07101752 IWORFK 59 > IO80JV H G4UPS
 07111628 IK8JUV 59 -1632 > IO80JV H G4UPS
 07111655+IW8DRG 59 > IO80JV H G4UPS
 07130125 I5ECW 599, IK3TPP 59 > IO80JV H G4UPS
 07131225 IK5YJY 59 > IO80JV H G4UPS
 07131225+IK5RLP 59 > IO80JV H G4UPS
 07131225+IW3QIO 59, I234 59/59 JM65 W G4UPS
 07131527 IK8DYD 579 > IO80JV H G4UPS
 07131544+IK4PLW 599 > IO80JV H G4UPS
 07131659 IKOFTA 59/59 JM61 SERGIO S G4UPS
 07141500 IS4BBF 59/59 JM54MF > KN14 C YO7VS
 07060730 IWSFIP JM76 > JO66 SM7AED
 07121338 IK2GSO JM45 > FN53 50.106 C KM1E
 07130714 I3LLH 59/59 > IO80JV S G4UPS
 07130725 IWSBML 59/59 JM52 > IO80JV S G4UPS
 07130725 IW9BJU 59/57 JM77GG > KN14 C YO7VS
 07130732 IW9CER 59/59 JM78QF > KN14 C YO7VS

07130954 IW9DEW 59/59 JM76ER > KN14 S YO7VS
 07131200+IWODUL 59, IT9 > IO80JV H G4UPS
 07140724+IW3QOI 55 > IO80JV H G4UPS
 07140758 I1BJJJ 559/559 JM56MB+IO80 C G4UPS
 07140758+IK5QLO 559 > IO80JV H G4UPS
 07140758+IW5AVM 59, IW2MEX 59 > IO80 H G4UPS
 07141400+IW6SG 599, IK1BGC, IK6EIM 59 H G4UPS
 07141512 IW7/HB90WE JM99 > JO66 SM7AED
 07141726+IK1IYM 59 > IO80JV H G4UPS
 07141900+I > IO80JV H G4UPS
 07141900+IW8DUL 59 > IO80JV H G4UPS
 07151030 IKOFTA 55, IW3JJY 559 > H G4UPS
 07151043 IWBDRG/8 59/59 JM79VW S G4UPS
 07151128 IKOMPF JM63 > JO66 SM7AED
 07162032+IOVHL 59 > IO80JV H G4UPS
 07162032+I5ECW 579, IKOBAL 59 > IO80 H G4UPS
 07162110 IW5AVM 57 > IO80JV H G4UPS
 07172030 IW6A8K 55 IN/OUT > IO80JV H G4UPS
 07190727 I1PAQE 55 > IO80JV H G4UPS
 07191717 I08/IW8DRG/p JM79 > JO66 SM7AED
 07192031 IWBHPRV 55/55 JM65EU 50.20 S HH8BFX
 07192034 I3QMB 53/55 JM65EV 50.20 S HH8BFX
 07192035 I3WRKD 59/59 JM65VP 50.20 S HH8BFX
 07192045 I3KWW 53/59 JM55WV 50.20 S HH8BFX
 07192055 I3KWW 53/59 JM53DV 50.20 S HH8BFX
 07192056 IK5YJY 59/59 JM53 50.20 S HH8BFX
 07201001+IW3 59 > IO80JV H G4UPS
 07201011+I3QDK 57, IW3RDX 57> IO80JV H G4UPS
 07210818 IW0URM JM40 > JO66 SM7AED
 07241007 IS0A8H 59/58 JM61FT CAMILLO S G4UPS
 07241015 IWSDOI 59/59 JM53HV ANGELO S G4UPS
 07241015+IK5YJY 59, IW60XA 55 H G4UPS
 07241015+IW5AVM 59, IW8DRG 59 H G4UPS
 07241015+I7CSB 57 > IO80JV H G4UPS
 07241605+IWBDRG/8 55 -1710 > IO80JV H G4UPS
 07241925 I3HPRV 57/57 JM65EU 50.20 S HH8BFX
 07260301 IOWGIV 55 > IO80JV H G4UPS
 07272112 IKONQJ 55, IS0A8H 44 -2118 H G4UPS
 07281125 IWSBML 59/59 JM52JW AL S G4UPS
 07281131 IOMYE 59/59 JM52BJ MAURICE S G4UPS
 07281333 I5ECW JM53 > JO66 SM7AED
 07281838+IW8QOI 55, IW3QMB 55 H G4UPS
 07281911+IW8QOI 59, IKOOKY 559 H G4UPS
 07281911+IW8DRG/IDB 55 > IO80JV H G4UPS
 07281953 IKOFTA 55/55 JM61 SERGIO S G4UPS
 07281953+IWODEI 59 -1958 > IO80JV H G4UPS
 07311601 ISUMT WKG EH4 > IO80JV H G4UPS
 08021610+I EA7KW
 08021610+I Es 144 H EA4EHI

JERSEY IS.

06220848 G44IC 59/59 IH89WF > KN14 S YO7VS

LATVIA

06060554 YL3CW 599/599 KO26CV > KN14 C YO7VS
 06080631 YL3CW 599/599 KO36CV > KN14 C YO7VS
 06091909 YL3AG 599/579 KO26AW > KN14 C YO7VS
 07100728 YL2JH 59/59 KO16WK OSCAR S G4UPS
 07261033 YL1XX 599/599 KO26AW C G4UPS
 07261033+YL2JH 59 > IO80JV H G4UPS

LITHUANIA

06040518 LY2BAW 599/599 KO24PF > KN14 C YO7VS
 06080557 LY2BAW 599/599 KO25KA > KN14 C YO7VS
 07091538 LY1QD 59/59 KO25RF > IO80 S G4UPS
 07121013+LY2BI 57 > IO80JV H G4UPS
 07171319 LY2BI 59/59 KO14QH > IO80JV S G4UPS

MACEDONIA

07031636 I38/OH3MIG KN01 > JO66 W SM7AED
 07200819 I38/OH3MIG KN01 > JO66 SM7AED

MALTA

06110758 9H1XX 59/59 JM75FV > KN14 S YO7VS
 06111355 9H1AL 599/599 JM75FV > KN14 C YO7VS
 06111514 9H1AE 599/579 JM75 > KN14 C YO7VS
 06121326 9H1XX 59/59 JM75FV > KN14 S YO7VS
 06131615 9H1XX 59/59 KLAUS > KN14 S YO7VS
 07011655+9H5PG 55 <1735 > IO80JV H G4UPS
 07031420+9H3YM 55 > IO80JV H G4UPS
 07051249 9H5ST JM75 > JO66 SM7AED
 07131058 9H1CG 599/599 JM75FV > KN14 C YO7VS
 07161103 9H1CG 59/59 JM75FV > KN14 C YO7VS
 07162110+9H1CG 569 > IO80JV H G4UPS
 07171148 9H5PG 59/57 JM75FV > KN14 S YO7VS
 07171214 9H1AE 599/599 JM75FV > KN14 C YO7VS
 07241601 9H5EE 55--> > IO80JV H G4UPS
 08021610+9H Es 144 H EA4EHI
 08021610+9H5EE W EA7KW

MARKET REEF

07121230 QJ0/OH1VR 59/59 JP90 > IO80 S G4UPS

NETHERLANDS

06030617 PA3JRDY 59/59 JO21BV > KN14 S YO7VS
 06031520 PA3GTJ 59/59 JO32LR > KN14 S YO7VS
 06040558 PE1WEG 59/57 JO21HM > KN14 S YO7VS
 06040601 PA3EFC 59/59 JO22HA > KN14 S YO7VS
 06040651 PA0WLB 59/59 JO23ID > KN14 S YO7VS
 06040653 PE1OXT 59/59 JO22FE > KN14 S YO7VS
 06041145 PA3RGS 59/59 JO33CF > KN14 S YO7VS
 06060738 PE1RGO 59/59 JO22KX > KN14 S YO7VS
 06060740 PAOCOR 59/59 JO23TA > KN14 S YO7VS
 06091814 PE1OZH 57/53 JO22 > KN14 S YO7VS
 06091817 PE1OXX, PAORIDY, PE1OXB 59/59 S YO7VS
 06091859 PA3GUS 59/59 JO33CF > KN14 S YO7VS
 06091902 PA0A8H 59/59 JO22HI > KN14 S YO7VS
 06091903 PE1ALV, PA3GOK 59/59 JO21 S YO7VS
 06091904 PE1PLD 59/59 JO21LV > KN14 S YO7VS
 06092012 PE1MJV, PE1PPY, PE1PLD 59/59 S YO7VS
 06131052 PE1FEI 55/55 JO22VQ > KN14 S YO7VS
 06141750 PA3GTJ 59/59 JO32LR > KN14 S YO7VS

06141815 PA0JNH 59/59 JO22IN > KN14 S YO7VS
 06141822 PE1GUR 59/57 JO22DQ QRP S YO7VS
 06141829 PE1ITE 59/57 JO22OE > KN14 S YO7VS
 06141832 PE1OPH 59/59 JO22XF > KN14 S YO7VS
 06141844 PA3JPH 59/59 JO22OF > KN14 S YO7VS
 06141847 PE1OOY 59/59 JO22IH > KN14 S YO7VS
 06141852 PA2TAB 59/59 JO32GF > KN14 S YO7VS
 06141856 PAORYS 59/59 JO22IM > KN14 S YO7VS
 06141859 PAOPGM 59/55 JO22RM > KN14 S YO7VS
 06141902 PAORLS 57/55 JO22GQ > KN14 S YO7VS
 06141904 PA3AXU 59/59 JO21TV > KN14 S YO7VS
 06141906 PE1OEU 59/53 JO22GG > KN14 S YO7VS
 06141908 PAORDY 59/59 JO22KJ > KN14 S YO7VS
 06141915 PAOPGS 59/59 JO21IX > KN14 S YO7VS
 06171024 PAORIDY 579/559 ROY > KN14 C YO7VS
 06211324 PA0JMH 599/599 JO22 > KN14 C YO7VS
 06211342 PA2TAB 59/59 JO32 > KN14 S YO7VS
 06221008 PE1FEA 59/43 > KN14 S YO7VS
 06221010 PE1PQV/P 59/55 JO32IK > KN14 S YO7VS
 06300718 PAOLBS 59/59 JO21LO > KN14 S YO7VS
 06300725 PE1PKU 59/59 JO21SS > KN14 S YO7VS
 07060710 PAORDY JO22 TROPO > JO66 SM7AED
 07091343 PAOWLBS 59/59 JO23 > KN14 S YO7VS
 07091402 PA3GBF 59/58 JO2 > KN14 S YO7VS
 07101608 PA3PBB > FN53 50.098 C KM1E
 07121253 PAZVET 59/55 JO22 50.20 S HH8BFX
 07121308 PE1OEH 55/57 JO22JK 50.20 S HH8BFX
 07121310 PAORDY 55/55 JO22KJ 50.20 S HH8BFX
 07141011 PE1OOY JO22 > JO66 SM7AED
 07151026 PE1AUI 59/57 JO32LS 50.20 S HH8BFX
 07151035 PAOHVF 59/55 JO22BA 50.20 S HH8BFX
 07151037 PE1AUI 59/57 JO33 50.20 S HH8BFX
 07151038 PE1RBG 53/53 JO22RM 50.20 S HH8BFX
 07151039 PE1KLG 55/59 JO33JP 50.20 S HH8BFX
 07151040 PAOFRE 55/55 JO22 50.20 S HH8BFX
 07151043 PAOWLBS 52/52 JO22ID 50.20 S HH8BFX
 07151044 PA0JGW 59/59 JO21LW 50.20 S HH8BFX
 07171105 PE1RER 59/59 JO22SA > KN14 S YO7VS
 07171107 PE1RTE 59/59 JO22OE > KN14 S YO7VS
 07171109 PE1RER 59/59 JO22QD > KN14 S YO7VS
 07171120 PA3EOT 57/59 JO22KH > KN14 S YO7VS
 07171126 PE1RNT 59/56 JO11SL > KN14 S YO7VS
 07171127 PA0QWH 59/59 JO22OI > KN14 S YO7VS
 07171129 PE1OPH 59/56 JO22XF > KN14 S YO7VS
 07171135 PE1RKO 59/59 JO22KK > KN14 S YO7VS
 07171142 PA3BOE 55/57 JO22 > KN14 S YO7VS
 07171304 PA3BNT 579/579 JO33GH > KN14 C YO7VS
 07171320 PE1OXT 57/59 JO22FE > KN14 S YO7VS
 07171322 PE1RER 55/55 JO22SA > KN14 S YO7VS
 07171323 PE1RHS 59/59 JO22KF > KN14 S YO7VS
 07171338 PAOWLBS 59/59 JO22ID > KN14 S YO7VS
 07171340 PE1NXX 59/58 JO21 > KN14 S YO7VS
 07171350 PA3DYX 59/59 JO21BV > KN14 S YO7VS
 07171354 PA3DGM 59/59 JO21 > KN14 S YO7VS
 07172137 PE1RER 51/51 JO22SA 50.20 S HH8BFX
 07172139 PBOAFM 51/51 JO22 50.20 S HH8BFX
 07172140 PA3GML 55/55 JO22 50.20 S HH8BFX
 07172140 PE1MTE 53/52 JO32HH 50.20 S HH8BFX
 07172142 PE1RTE 51/55 JO22OG 50.20 S HH8BFX
 07172143 PA3DOL 55/55 JO22 50.20 S HH8BFX
 07172147 PE1LAL 55/54 JO33 50.20 S HH8BFX
 07172148 PE1DUC 51/51 JO22MD 50.20 S HH8BFX
 07172151 PE1LYE 51/53 50.20 S HH8BFX
 07172154 PE1MCD 55/59 JO23 50.20 S HH8BFX
 07172244 PE1OOY 51/52 JO22 50.20 S HH8BFX
 07200837 PA3ERC 599/559 JO22 > KN14 C YO7VS
 08042047 PA W KM1H

Northern Ireland

07190756 GI3PDE 559 > IO80JV H G4UPS
 07230752 GI3PDE 569/559 MS? > IO80JV C G4UPS
 07270754 GI3PDE 599/559 IO64 RAY C G4UPS

NORWAY

06031705 LA6MP 599/579 JO59JU > KN14 C YO7VS
 06211140 LA0BY 599/559 JO59FW > KN14 C YO7VS
 07101141 LA1IC 599/599 ROY > IO80JV C G4UPS
 07101431 LA4XFA 599/579 JO59 HANS C G4UPS
 07101444 LASHX 59/59 JO59CR JAN S G4UPS
 07111046 LA3 57 > IO80JV S G4UPS
 07121254 LA9DM 51/52 JO59 50.20 S HH8BFX
 07130810 LA3BO 599/599 JO59CD > KN14 C YO7VS
 07151558 LA3KO JO59 > JO66 AURORA SM7AED
 07220800 LA7EIX/b > JO66 B SM7AED
 07220813 LA7DXA KP19 > JO66 SM7AED
 07221711 LA0BY JO59 > JO66 SM7AED
 07221752 LA4LW JO49 > JO66 SM7AED
 07240930 LA3/SM6CHU/M 57/57 JP61 IMGO S G4UPS
 07240934 LA4LW 59/59 JP50JA TOM S G4UPS

POLAND

06030610 SP4MP 599/579 KO03 > KN14 C YO7VS
 06040508 SP2JXH 59/59 JO94QJ > KN14 S YO7VS
 06040512 SP3OCV 57/59 JO82BH IW>KN14 S YO7VS
 06040527 SP9DS 599/599 JO90KA > KN14 C YO7VS
 06040552 SP6VW 59/58 JO81JG > KN14 C YO7VS
 06040557 SP5XMM 59/59 KO02LE > KN14 S YO7VS
 06040559 SP3ARK 59/59 JO50HD > KN14 S YO7VS
 06040562 SP3ARK 59/57 JO50HD > KN14 S YO7VS
 06040612 SP9QSU, SP9BOI, SP9MRK 59/59 S YO7VS
 06040656 SP9QSU 59/59 JO50HD > KN14 S YO7VS
 06040705 SP7TER 59/59 JO51QR > KN14 S YO7VS
 06041404 SP2ZUE 59/59 JO52AT > KN14 S YO7VS
 06080607 SP4MP 59/59 KO03GE > KN14 S YO7VS
 06080608 SP2IQW 59/59 JO94QH > KN14 S YO7VS
 06092032 SP2BNT 369/369 > KN14 C YO7VS
 06160520 SP4MP 579/519 KO03 > KN14 C YO7VS
 06170837 SP4MP 59/57 JO > KN14 S YO7VS
 06170840 SP5XMM 59/57 KO02 > KN14 S YO7VS
 06170924 SO6USA/1 599/599 JO84 > KN14 W YO7VS
 06170932 SQ9ACH 59/59 JO50GQ > KN14 S YO7VS
 06170941 SQ9CXT 59/59 JO50HD > KN14 S YO7VS
 06211128 SO6USA/1 599/599 JO74 > KN14 C YO7VS
 07101735 SR6SIX 449 > IO80JV B G4UPS

07010752 SP6OUL 57 > IO80JV G4UPE
 07011022 SP2WJE 55/55 JO92AT 50.20 S H88BFX
 07011655+SQ9ACH, SP6OUL 59 > IO80JV H 4UPE
 07031420 SP1MVA/MM 59/58 IM75 > IO80 S 4UPE
 07031544 SP8MMX 59 > IO80JV H 4UPE
 07031615 SP8QEW 57 > IO80JV H 4UPE
 07031615 SR5SIX 59 > IO80JV B 4UPE
 07071308 SP TV INBAWD > IO80JV I 4UPE
 07071318 SP0YDV 59/59 KM19GP SLAV S 4UPE
 07071322 SP9VVM 59/59 JO9OLD JACK C 4UPE
 07071322 SR6SIX 59 > IO80JV B 4UPE
 07071327 SP6VNV 59/59 JO81CJ JOHN S 4UPE
 07071327+SQ9ACH, SP9DSB, SP6OUL, SP6VXO H 4UPE
 07071420 SP0YDV 59/59 KM19GP SLAV C 4UPE
 07071432 SP9WNU 59 -1500 > IO80JV H 4UPE
 07091232 SP8QET 57/57 KO11J1 > IO80 S 4UPE
 07091318 SP0YDV 59/59 KM19 SLAV C 4UPE
 07091318+SP8MMX 59 > IO80 H 4UPE
 07091440 SR5SIX 569 & 1538 > IO80 B 4UPE
 07091415 SP5ELA 59/59 KO02LG XYGI C 4UPE
 07091538 SP4MPH 59, SP2BWX 59 > IO80 H 4UPE
 07091564 SP2WJE 59 > IO80 H 4UPE
 07100642 SP6FUV 55/59 JO > KM14 C YO7VS
 07100728+SP0YDV 59, SP4MPH 55 > IO80 H 4UPE
 07100728+SP8MMX 59 > IO80JV H 4UPE
 07100728+SR5SIX 59 > IO80JV B 4UPE
 07100753+SP5ELA 59 > IO80JV H 4UPE
 07100849 SP9HVV 59/59 KO00LA > IO80JV S 4UPE
 07100849+SP2SGE 59, SP2WJE 59 > IO80 H 4UPE
 07100849+SP3JME 59, SQ9ANS 59 > IO80 H 4UPE
 07100849+SP6NVN 59, SQ9ANS 59 > IO80 H 4UPE
 07100922 SP3UCA > IO80JV H 4UPE
 07111855 SR5SIX 59 > IO80JV B 4UPE
 07111901 SP3MQ 59/59 JO82KG > IO80 C 4UPE
 07121000 SP4MPH 59 > IO80JV H 4UPE
 07121012 SP3JXN 59/59 JO94GJ IRKE S 4UPE
 07121013 SP4MPH 59/59 KO14 > IO80JV S 4UPE
 07121022 SP1QW 59/59 JO84ML TED C 4UPE
 07121035 SP2WJE 59/59 JO94GJ MACIED S 4UPE
 07121035+SP5ALV/P 55 > IO80JV H 4UPE
 07121035+SP5SIX 59, SP5XMU 59 > IO80JV H 4UPE
 07121035+SR5SIX 59 > IO80JV B 4UPE
 07121059+SP6NVN 59 > IO80JV H 4UPE
 07121118 SP3QGR 59/59 JO82 EREKE S 4UPE
 07121118+SP1PFG 59 > IO80JV H 4UPE
 07130714+SP2WJE 55 > IO80JV H 4UPE
 07130728+SP0QCT 59 > IO80JV H 4UPE
 07131407 SP1MVA/MM JN11 > JO66 BMTAED
 07141800 SP4MPB 59 > IO80JV H 4UPE
 07141900+SR5SIX 57 > IO80JV H 4UPE
 07141931+SP8MMX 57 < 2015 > IO80JV H 4UPE
 07150945 SQ9ACH 55 > IO80JV H 4UPE
 07150954+SP5ELA 59, SP6NVN 59 > IO80JV H 4UPE
 07150954+SR6SIX 59 > IO80JV B 4UPE
 07151036 SP9WNU 55/55 JO90NH 50.20 S H88BFX
 07151039 SP9DSB 53/55 JO90 50.20 S H88BFX
 07151233 SP9EYX 55/55 JO90 50.20 S H88BFX
 071620017 SP6CPH 55 > IO80JV H 4UPE
 07170517 SP6ASD 59/59 JO81LC KM14 C YO7VS
 07171005 SR5SIX 55 > IO80JV B 4UPE
 07171014 SP5CCC 579 -1130 > IO80JV H 4UPE
 07171130 SP5ALV/P 55, SP2BWX 55 > IO80JV S 4UPE
 07171322 SP5LCC/P 59/56 KM09BX VIT S 4UPE
 07200854 SP6ASD 579/579 JO81 > KM14 C YO7VS
 07212022 SP2WJE 44 -2026 > IO80JV H 4UPE
 07212022 SR5SIX 449 -2026 > IO80JV B 4UPE
 07240740 SR5SIX 579 > IO80JV B 4UPE
 07241118 SP5LCC/P 559/559 KM09BX C 4UPE
 07241710 SR5SIX 569--599 > IO80JV B 4UPE
 07241719 SP2SGE 59 > IO80JV H 4UPE
 07241727 SP5ALV/P 449 > IO80JV H 4UPE
 07251326 SP6ASD (tropo) > JO66 BMTAED
 07261500+SP1QW 59 > IO80JV H 4UPE
 07261500+SR5SIX 579 > IO80JV B 4UPE
 07281037 SR5SIX 569 > IO80JV B 4UPE
 07281131+SP6ASD 559 > IO80JV H 4UPE
 07291056 SP1QW 579/579 JO84ML TED C 4UPE
 07291059 SP2JXN 59/59 JO94GJ IRKE C 4UPE
 07301748 SR5SIX 449 -1753 > IO80JV B 4UPE

PORTUGAL

06171118 CT4KQ 57/55 IM60BP > KM14 S YO7VS
 07031858 CT1FQ 59/55 IM57OC MARK S 4UPE
 07072006 CT1DHM 59/55 IM61CC 50.20 S H88BFX
 07072010 CT1HB 51/51 IM50X6 50.20 S H88BFX
 07072012 CT1ETT 51/51 IM51RE 50.20 S H88BFX
 07091232+CS1ACP 579 > IO80 B 4UPE
 07091232+CT0WW 579 > IO80 B 4UPE
 07091232+CT1HB 59 > IO80 B 4UPE
 07121220 CT1DYX 55/55 IM51PE 50.20 S H88BFX
 07130902 CT0WW 579 > IO80JV B 4UPE
 07141000 CT0WW > JO66 BMTAED
 07141020 CT0WW 599, CS1ACP 559 > IO80 B 4UPE
 07141021 CT1DYX > JO66 BMTAED
 07141040 CT1DYX 59, CT1BQH 599 > IO80 H 4UPE
 07141114 CT1HB 59 > IO80JV H 4UPE
 07141145 CT4KQ 599 -1155 > IO80JV H 4UPE
 07151922 CT1DYX 59/59 IM51PE 50.20 S H88BFX
 07151929 CT1EKF 55/55 IM50 50.20 S H88BFX
 07161706+CS1ACP 559 > 1840 > IO80JV B 4UPE
 07161706+CT0WW 599 > 1840 > IO80JV B 4UPE
 07161706+CT1HB 59, CT1DYX 59 > IO80JV H 4UPE
 07161706+CT1DIN 59 > IO80JV H 4UPE
 07161706+CT1HB 59, CT4KQ 599 > IO80JV H 4UPE
 07190739 CT1DIN 59/59 IM60 50.20 S H88BFX
 07241910 CT0WW 599, CS1ACP 559 > IO80 B 4UPE
 07241911 CT1HB 59 -1917 > IO80JV H 4UPE
 07250903 CT1HB 59/59 IM50X6 50.20 S H88BFX
 07281205 CT0WW 599 > IO80JV B 4UPE
 07281959 CT1EKF 44, CT1HB 59 > IO80JV H 4UPE
 07281959+CT0WW 599 > IO80JV B 4UPE
 07301920 CT0WW 599 -2105 > IO80JV B 4UPE
 07301950 CT1CBI 59 > IO80JV H 4UPE
 07301953 CS1ACP 569 -2105 > IO80JV B 4UPE

ROMANIA

06211213 YR7G KM15 > JO65ML W SM7FJE
 07140724 YO7VS KM14 > JO66 BMTAED
 07141726+YO7IE 569 > IO80JV H 4UPE
 07251315 YOLOC KM02 > JO66 BMTAED
 07251338 YO7CQ KM15 > JO66 BMTAED

Russian Federation (Europe)

06080743 RALYO 579/599 KO73DG > KM14 C YO7VS
 06101652 RMVVI 59/59 KP40HP > KM14 S YO7VS
 07171440 UA INBAWD VIDEO -1550 I 4UPE
 07240735 UA INBAWD TV -1135 > IO80JV I 4UPE

SARDINIA

06111342 ISOAGY 59/59 JM49OF > KM14 S YO7VS
 06171740 ISO/IMOURM 59/59 JM40 > KM14 S YO7VS
 06301717 ISO/IM1CGB/P 59/59 JM49 S YO7VS
 07031452 ISOAGY 59/59 JM49OF > IO80JV S 4UPE
 07031452+ISOQDV 55 > IO80JV H 4UPE
 07130645 ISOQDV JM49 > JO66 BMTAED
 07130756 ISO/IZADM 59/59 JM40KW-IO80 S 4UPE
 07130825 ISOQDV 59/59 JM49 > KM14 S YO7VS
 07130843 IMOJES 59/59 JM49FB REMO S 4UPE
 07130942 ISOAGY/P 59/59 JM48SLW > KM14 S YO7VS
 07131120 ISO/IZADM 59/59 JM40R > KM14 S YO7VS
 07131200 ISO/IZADM 59 > IO80JV H 4UPE
 07141014 ISOQDV JM49 > JO66 BMTAED
 07141040+ISO/IZADM 59 > IO80JV H 4UPE
 07141400+ISOMVE 599 -1645 > IO80JV H 4UPE
 07150802 ISOMVE JM49 > JO66 BMTAED
 07160735 IMO/IZADM 59/59 JM41 -0745 S 4UPE
 07161207 IMO/IZADM 599/559 JM41RG C YO7VS
 07161958 ISOAGY 59 > IO80JV H 4UPE
 07192017 ISOQDV 55 -2021 > IO80JV H 4UPE
 07201043 IMO/IZADM JM41 > JO66 BMTAED
 07221014 ISOQDV 59/59 JM49 > KM14 S YO7VS
 07241532 ISO/IMOURM 57/56 JM40JF S 4UPE
 07241605 ISOIHL 59/59 JM49MU MIKE S 4UPE
 07281749+ISOQDV 55 > IO80JV H 4UPE

SCOTLAND

06031412 MNOAMW 51/57 IO75EJ > KM14 S YO7VS
 06092203 MNOALM 599/559 IO87UA > KM14 S YO7VS
 06221630 GMOFO > IO80 S 4UPE
 07101322 GB3RKM 599 > IO80JV B 4UPE
 07101322 GB3RKM 599, GM4VHU 59 > IO80 H 4UPE
 07101404 GMAOBD 579/559 IO87XK > IO80 C 4UPE
 07102207 MNOAMW, 2219 OM SSB 50.110 C KM1E
 07111030 GB3RKM 569 -1036 > IO80JV B 4UPE
 07141000 GB3RKM > JO66 BMTAED
 07151350 GM7NEI 59/57 IO75TV 50.20 S H88BFX
 07151602 GMAOBD 1087 > JO66 AURORA SMTAED
 07151903 MNOAMW 1075 > JO66 AURORA SMTAED

SERBIA

06071432 YULRU 559/559 KM04DW > KM14 C YO7VS
 06210752 YUSOACR 579/559 KM13DP-KM14 C YO7VS
 07031225 YULISIX 579 > IO80JV B 4UPE
 07140718 4N1SIX 559 > IO80JV B 4UPE
 07140718 YULISIX 449 > IO80JV B 4UPE
 07141000 YULISIX > JO66 BMTAED
 07141400+YULISIX 579 <1645 > IO80JV B 4UPE
 07141726+YULAD 59 > IO80JV H 4UPE
 07151311 YULABA 559 > IO80JV B 4UPE
 07151311 YULISIX 559 > IO80JV B 4UPE
 07151318+4N1SIX 579 > IO80JV B 4UPE
 07161600 YULISIX 569 > IO80JV B 4UPE
 07162002+YULISIX 559, 4N1SIX 569 > IO80JV B 4UPE
 07162008 YULV 59/59 JM94UE VASA > IO80JV H 4UPE
 07162032 YULABA 569 > IO80JV H 4UPE
 07172000 YULAU 449 > IO80JV H 4UPE
 07201011 YULIA 559 > IO80JV H 4UPE
 07201011+4N1SIX 559 > IO80JV H 4UPE
 07201013 YULIA 579/579 KM04FR IAN C 4UPE
 07201030 YULAD 57, YULBO 559 > IO80JV H 4UPE
 07281004 4N1SIX 579 > IO80JV B 4UPE
 07281833+YULISIX 559 > IO80JV B 4UPE
 07281838 YULAU KM04CP IIRA > IO80JV W 4UPE
 08021610+YU > B EATKW

SICILY

06111237 IT9GAC 599/599 JM77MO > KM14 C YO7VS
 07011655 IT9NDW 55 > IO80JV H 4UPE
 07130722 IT9KSS 59/59 JM68QC > KM14 S YO7VS
 07130752 IT9KSS 59/59 JM68QC > IO80JV S 4UPE
 07130916 IT9PDM 59/59 JM68OD > KM14 S YO7VS
 07131006 IT9PMS 59/59 JM68PE > KM14 S YO7VS
 07191338 IT9NDW JM68 > JO66 BMTAED
 07281749 IT9KSS 59 > IO80JV H 4UPE
 07281810 IT9KSS JM68 > JO66 BMTAED

SLOVAKIA

06040551 OM3EAS 59/59 KM08PQ > KM14 S YO7VS
 07101003 OM3EAS 55 -1105 > IO80JV H 4UPE
 07150954 OM2EJ 59/59 JM88MG RADO S 4UPE
 07171314 OM3BH 59/59 JM99FE RASTA S 4UPE
 07171423 OM5MX 599/599 JM98BH PAVEL C 4UPE
 07171426 OM3EAS 59/57 KM08PQ PAVEL S 4UPE
 07221052 OM2DX 59/59 JM88MG MIKE S 4UPE
 07241007+OM3EAS 57 > IO80JV H 4UPE

SLOVENIA

07031234+851MQ 57 <1300 > IO80JV H 4UPE
 07130714+85 > IO80JV H 4UPE
 07140724 857AC 59/59 JM76TH BOJAN S 4UPE
 07141054 851UF 57/44 JM76UP > IO80JV S 4UPE
 07141700+851AG 59, 851UW 579 > IO80 H 4UPE
 07141726+8531W 599 > IO80JV H 4UPE
 07141900+851UF 599 > IO80JV H 4UPE
 07151030+851UF 55 > IO80JV H 4UPE
 07162002+851UF 559 > IO80JV H 4UPE
 07162032+852MR 59 > IO80JV H 4UPE
 07162032+852MR 59 > IO80JV H 4UPE

07192000 857MC 51/55 JM86DT 50.20 S H88BFX
 07192029 857UF 55/57 JM76UP 50.20 S H88BFX
 07192032 859F 59/59 JM65 50.20 S H88BFX
 07201036+851UF 599 > IO80JV H 4UPE
 07201036+857AC 59, 852W 57 > IO80JV H 4UPE
 07240756 851UF 599/599 RUDI > IO80JV C 4UPE
 07270910 851UF JM76 > JO66 BMTAED
 07280759 855RS 449 > IO80JV S 0.015 B 4UPE
 07281752 852W 599/599 JM86BQ FRADI C 4UPE

SPAIN

06161117 EH3CUU 599/599 JM12FE > KM14 C YO7VS
 06161202 EH3DUY 29/59 JM12LD > KM14 S YO7VS
 06161536 EH3DUW 59/58 JM12LG > KM14 S YO7VS
 06171908 EH1EH 599/599 IM82PO > KM14 C YO7VS
 06211626 EH3DUY 59/59 JM12LD > KM14 S YO7VS
 06251228 EH3CUU 599/569 JM12FE > KM14 C YO7VS
 06290834 EH5YB/EH3 59/59 JM01XG S YO7VS
 06290858 EH3EM 59/57 JM11CM > KM14 S YO7VS
 07021401 EH7AH 59/59 IM67 50.20 S H88BFX
 07021429 EH1TA 59/59 IM53EI 50.20 S H88BFX
 07021429 EH5EI 59/51 IM98BX 50.20 S H88BFX
 07021502 EH4EHI 59/59 IM68TV 50.20 S H88BFX
 07031315 EH3CUU 599 > 1400 > IO80JV B 4UPE
 07031414 EH3CUU 59, EH3EHI 44 > IO80 H 4UPE
 07031538 EH7AH 559 > IO80JV B 4UPE
 07041620 EH3EM 59/59 BARCELONA S YO7VS
 07071955 EH7KW 51/51 IM67HI 50.20 S H88BFX
 07072000 EH5CHT 51/51 IM97EK 50.20 S H88BFX
 07072025 EH1EH 59/59 IM82PO 50.20 S H88BFX
 07091154 EH1BLA 57/57 IM53UM > IO80 S 4UPE
 07091232+EA INBAWD TV STONG > IO80 I 4UPE
 07091542 EH1WV IN73 > JO66 BMTAED
 07130714+EH3CUU 599 > IO80JV B 4UPE
 07130859 EH3CUU 599/599 JM12FE > KM14 C YO7VS
 07131105 EH3DUY 59/59 JM12LD > KM14 S YO7VS
 07141030 EH4EHI IM68 > JO66 BMTAED
 07141040+EH4EHI 59 > IO80JV H 4UPE
 07141053 EH3CUU 559 > IO80JV B 4UPE
 07141053+EA INBAWD TV STONG > IO80JV I 4UPE
 07141200 EH1BLA 44, EH9IB 44 > IO80 H 4UPE
 07141315 EH7TL 55 > IO80JV H 4UPE
 07141350 EH1KV 599/599 IM52 ANDRES C 4UPE
 07141400 EH7AH 59 > IO80JV H 4UPE
 07141921 EH5DIT IM99 > JO66 BMTAED
 07141928 EH3CUU 599/599 > IO80JV C 4UPE
 07141931 EH5/FIPLA 59/59 IM98XO > IO80 S 4UPE
 07142012 EH7KW IM67 > JO66 BMTAED
 07150846+EH3CUU 599 > IO80JV B 4UPE
 07151200 EH3CUU 599++ -1300 > IO80JV B 4UPE
 07161706+EH4EHI 59, EH7KW 599 > IO80JV H 4UPE
 07161706+EH7AH 59 > IO80JV H 4UPE
 07161738 EH1EH 55/55 IM82PO 50.20 S H88BFX
 07161930 EH1YV 55 > IO80JV H 4UPE
 07171914 EH1TA 59/59 IM53 50.20 S H88BFX
 07192010 EH7KW 59/59 IM77 50.20 S H88BFX
 07192025 EH7KW 599/599 IM77 50.20 S H88BFX
 07192036 EH5DIT 59/59 IM99CD 50.20 S H88BFX
 07201040 EH5YB/p JB01 > JO66 BMTAED
 07221026 EH4CAC 33--00 > IO80JV H 4UPE
 07221120 EH3CUU 599/599 JM12FE > KM14 C YO7VS
 07221154 EH3DUY 59/59 JM12 > KM14 S YO7VS
 07221256 EH7KW 59/59 IM67XI 50.20 S H88BFX
 07281129 EH1EH 599/599 IM82 > IO80JV C 4UPE
 07281959 EH1TA 59 -2016 > IO80JV H 4UPE
 07301920 EH1TA 59 > IO80JV H 4UPE
 07301932 EH1LAF 59/59 IM52OC ALFONSO S 4UPE
 07311601 EH4 > W ISUWT

SWEDEN

06030707 SM5SMH 59/57 JO89TW > KM14 S YO7VS
 06030709 SM3VEE 55/45 JP81EI > KM14 S YO7VS
 06030806 SM7TEK 59/55 JO77ML > KM14 S YO7VS
 06040459 SM7EAD 59/59 ARNE > KM14 S YO7VS
 06040554 SM7UW 59/59 JO76OD > KM14 S YO7VS
 06050542 SM7BAE 59/59 KEM > KM14 S YO7VS
 06060627 SM1BSA 599/559 JO97IO > KM14 C YO7VS
 06080658 SM7WDS 59/57 JO66MO > KM14 S YO7VS
 06080701 SM7CMV 59/59 JO75AM > KM14 S YO7VS
 06080718 SM7FJE 59/56 JO76LW > KM14 S YO7VS
 06080726 SM7FJE 59/59 JO65ML > KM14 S YO7VS
 06091832 SMOKCR 57/59 JO99AK > KM14 S YO7VS
 06190657 SM1BSA 599/559 JO97IO > KM14 C YO7VS
 06191015 SM7JUQ 59/59 JO65PO > KM14 S YO7VS
 06211137 SM6CMU 599/599 JO57XK > KM14 C YO7VS
 06211142 SM7AED 599/599 JO65HI > KM14 C YO7VS
 06211144 SMORELV 599/559 JO89UL > KM14 C YO7VS
 06231108 SM7BAE 59/59 > KM14 S YO7VS
 06240735 SM7FJE 599/59 JO65 > KM14 S YO7VS
 06240752 SM6TSX 59/59 JO67EE > KM14 S YO7VS
 06241652 SM3EQY 59/56 JP81FI > KM14 S YO7VS
 06241702 SM5CIE 599/579 JO89XG > KM14 C YO7VS
 06241722 SMORELV 59/59 JO89UL > KM14 S YO7VS
 07101752 SM7AED 599/599 > IO80JV C 4UPE
 07020740 SM7AED 579/579 > IO80JV C 4UPE
 07050748 SM7AED 579/549 JO66 > IO80JV C 4UPE
 07061104 SM7AED 579 50.125 H 4UPE
 07070748 SM7AED 559/559 JO66 > IO80JV C 4UPE
 07080747 SM7AED 579/459 JO66 > IO80JV C 4UPE
 07100812 SM7FJE 59/59 > KM14 S YO7VS
 07101105 SK3SIX 599 > IO80JV B 4UPE
 07101117 SM7CMV 59/59 JO75 KEM S 4UPE
 07101127 SM7WDS 59/59 GEORGE S 4UPE
 07101141+SM6UM 599, SM4HEJ 59 > KM14 S YO7VS
 07101305 SM7ASW 1078 > JO66 BMTAED
 07101337 SMODJ 59/59 JO89VO JOHN S 4UPE
 07101337+SM3JUG 579 > IO80JV H 4UPE
 07111037 SK3SIX 599 > IO80JV B 4UPE
 07120742 SM7AED/569/569 JO66 > IO80 C 4UPE
 07121035+SK3SIX 599 > IO80JV B 4UPE
 07121053 SM7FJE 59 > IO80JV H 4UPE
 07121059 SM1BSA 599/599 JO97IO ARNE C 4UPE
 07121118+SM3VEE 59, SM3EQY 59 > IO80 H 4UPE
 07121118+SM7BCJ 579 > IO80JV H 4UPE
 07121200+SMORELV, SM5UGF, SMOJUK, SM7TEK H 4UPE
 07121225 SMOCHH/6 59/59 JO57TQ PAUL S 4UPE

07121247 SM3VEE 51/55 JP81 50.20 S EH8BFX
07121248 SM3JGG 51/55 50.20 S EH8BFX
07121251 SM3BOY 55/59 JP81FI 50.20 S EH8BFX
07121302 SM7FJE 55/55 JO65 50.20 S EH8BFX
07121308 SM4DHH 51/55 JP64VD 50.20 S EH8BFX
07140725 SM7AED 599/599 ARNE > KN14 C Y07VS
07140910 SM7BPO 59/59 JO66MD > KN14 C Y07VS
07150727 SM3GSK 599/599 JP81JE > KN14 C Y07VS
07150730 SM3JGG 599/599 JP71TU > KN14 C Y07VS
07150738 SM3VEE 59/59 JP81EI > KN14 C Y07VS
07150751 SM4POB 59/59 JP70FK > KN14 C Y07VS
07150807 SM0GJK 59/57 JO99IU > KN14 C Y07VS
07151027 SM7URQ 55/55 JO77WJ 50.20 S EH8BFX
07151029 SM7AED 59/59 JO66JO 50.20 S EH8BFX
07151030 SM7WCI 59/59 JO66KF 50.20 S EH8BFX
07151034 SM7MAE 59/59 JO66SO 50.20 S EH8BFX
07151034 SM7CMV 59/59 JO75AM 50.20 S EH8BFX
07151037 SM7WCI 55/55 JO66KF 50.20 S EH8BFX
07151541 SM3GSK JP81 > JO66 AURORA SM7AED
07151546 SM0CKR JO99 > JO66 AURORA SM7AED
07151550 SM3JGG JP71 > JO66 AURORA SM7AED
07151558 SM3WRY JP82 > JO65ML W SM7FJE
07161060 SM3BIX 599 > IO80JV H G4UPS
07161632 SM3GSK 599/599 JP81EB CLAS C G4UPS
07161632 SM6VTK 59, SM7TEK 59 H G4UPS
07161632 SM7WDE 59, SM7VBS 59 H G4UPS
07161706 SM4HEU 59 > IO80JV H G4UPS
07170600 SM7FJE 599/559 100W > KN14 C Y07VS
07170630 SM7WCI 55/51 JO66KF > KN14 C Y07VS
07171130 SM3BIX 599 -1300 > IO80JV B G4UPS
07171150 SM3GSK 59/59 JP81 CLAS C G4UPS
07171550 SM1BGA 579 > IO80JV H G4UPS
07172059 SM7SCU 57/59 JO65 50.20 S EH8BFX
07172104 SM7FJE 59/59 JO65ML 50.20 S EH8BFX
07172109 SM7MYI 51/52 JO66IC 50.20 S EH8BFX
07172111 SK7OL 51/53 JO66BC 50.20 S EH8BFX
07172121 SMOLCB/5 51/51 J 78UG 50.20 S EH8BFX
07172125 SM7CMV 51/57 JO75AM 50.20 S EH8BFX
07190800 SM7AED 599/599 JO65 ARNE C G4UPS
07190801 SM7FJE 579/579 JO65 BO C G4UPS
07200720 SM7WDE 59/59 GEORGE > KN14 C Y07VS
07210255 SM3VHE JP82 (tropo) > JO66 SM7AED
07220813 SM2HTM KP07 > JO66 SM7AED
07220903 SM3RPP JP74 > JO66 SM7AED
07222029 SM4HEU JO69 > JO66 SM7AED
07240900 SM3BIX 599 > IO80JV B G4UPS
07240900 SM3GSK 599 > IO80JV H G4UPS
07240934 SM3VHE 599 > IO80JV H G4UPS
07241035 SM3RPP 599 > IO80JV H G4UPS
07260754 SM7AED 559/449 > IO80JV C G4UPS
07261030 SM0GJK 599 > IO80JV H G4UPS
07261039 SM5AMU 599 > IO80JV H G4UPS
07261054 SM7WDE 599 > IO80JV H G4UPS
07261505 SM7RYO 599 > IO80JV H G4UPS
07261545 SM1BGA 599/599 JO97 ARNE C G4UPS
07261619 SM7RME 579/579 JO77LF THOR C G4UPS

SWITZERLAND

06040838 HB9HFK 599/599 JN36LQ > KN14 C Y07VS
06041124 HB9AIA 599/599 JN47SJ > KN14 C Y07VS
06171827 HB9BIA 55/52 JN36 > KN14 C Y07VS
07011543 HB9/PB1EVI > JO66 SM7AED
07101141 HB9JAW 57 > IO80JV H G4UPS
07130728 HB9STY 59 > IO80JV H G4UPS
07141058 HB9CAD 59 > IO80JV H G4UPS
07141737 HB9QQ 599/599 JN47KJ PIERRE C G4UPS

UKRAINE

06041135 UR4LL 59/59 KO70 > KN14 S Y07VS
06160449 UR4LL 57/55 KO70 > KN14 S Y07VS
07100713 UR4LL 55/55 KO70 > KN14 S Y07VS

WALES

06171933 GW3JVB 599/239 IO82JO > KN14 C Y07VS
07101558 GW3MFY IO81 > FN53 50.102 C KMIE
07101612 GW3JXB > FN53 50.100 C KMIE
07171300 GW3RME 579/559 IO82KX > KN14 C Y07VS
07171845 GW3MFY IO81 > FN53 50.102 C KMIE
07172449 GW1MCD 51/54 IO81LP 50.20 S EH8BFX
07172250 GW7EMV 31/53 IO81 50.20 S EH8BFX
07261321 GW3JXB IO72 > JO66 SM7AED

Reports of North America

This month's TV and FM DX reports via Es were submitted by Pat Dyer, WA5IYX, San Antonio, TX; Danny Oglethorpe, Shreveport, LA; Jeff Kruska, Baton Rouge, LA; Marvin Shults, Toulon, IL; Jeff Kadet, K1MOD/9, Macomb, IL and Mike Cherry, VE7SKA.

Eastern Canada: VE8B was the call of a DXpedition to Governor Island in James Bay. They ran only 10W#, and, I see, had at least one QSO on 6m (on their final day).

06261857 CII12t 2 OM T K1MOD/9
07051500 VE3 K6QXY
07051838 CBC 2 T K1MOD/9
07051900 PFC 2 T K1MOD/9
07100922 VE1PE 57 SP3UCA

07101300 VE1PE 559/529 DOUG > IO80JV C G4UPS
07101313 VE1PE FNB5 > JO66 S SM7AED
07101319 VE1YX FNB4 > JO66 SM7AED
07101529 VE1PE STILL 559 > IO80JV H G4UPS
07121118 VE9AA FNB5 > JO65ML W SM7FJE
07121122 VE1SE FNB5 > JO65ML W SM7FJE
07121126 VE1RAA FNB4 > JO65ML W SM7FJE
07121135 VE1PE FNB5 > JO65ML W SM7FJE
07131622 C 2 PQ FNB5 > IL T SHULTS
07131800 CFAP 2 PQ > IL T SHULTS
07151709 VE1PE 339 WKG G4HRA > IO80JV H G4UPS
07151823 VE9AA 41/53 FNB5RR 50.20 S EH8BFX
07151825 VE1SE 59/57 FNB5SR 50.20 S EH8BFX
07151854 VE1JW 53/53 FNB4 50.20 S EH8BFX
07151900 VE1DW 51/52 FNB4 50.20 S EH8BFX
07151903 VE1CGM 51/51 FNB5 50.20 S EH8BFX
07151907 VE1SE 59/57 FNB4LS 50.20 S EH8BFX
07151915 VE1RJ 55/54 FNB4 50.20 S EH8BFX
07151920 VE1YX 56/55 FNB4RJ 50.20 S EH8BFX
07151925 VE1RAA 55/55 FNB4IQ 50.20 S EH8BFX
07152204 VE1SE 559, WKDE2212 559/529 C G4UPS
07152221 VE1PE 559 > IO80JV H G4UPS
07162225 C 2 PQ > IL T SHULTS
07162335 CBFT 2 PQ > IL T SHULTS
07171814 VE1SE 579/519 FNB4 JACK C G4UPS
07171821 VE1PE 579 > IO80JV H G4UPS
07171836 VE1AA 559/529 FNB5 MIKE C G4UPS
07232235 CKPR 2 OM > LA 1130 T OGLETHO
08010210 VE8BY 559 > FN23 AUR 50.048 WAZARY
08010238 VE8B > EN13 50.125 W WTKU/0
08050116 VE8BY IN/OUT > FN65 B VE9AA
08050248 VE1PE AU BS > FN65 W VE9AA
08050248 VE3DPB BS > FN65 W VE9AA
08050250 VE2PFP, VE2YH AU BS > FN65 H VE9AA

Western Canada

07011900 VE6, VE7 K6QXY
07020300 VE4VHF B K6QXY
07020300 VE6EMU, VE6a B K6QXY
07051500 VE4VHF B K6QXY
07051500 VE6, VE7 B K6QXY
07051500 VE6EMU B K6QXY
07072130 VE6EMU, VE6a B K6QXY
07080400 VE6EMU, VE6ARC, VE6a, VE7a B K6QXY
07180240 VE6EMU, VE6ARC B K6QXY
07201600 VE4VHF, VE6EMU, VE6a B K6QXY
07231700 CBWFT 3 MB > CM88 T VE7SKA
07260220 VE7SKA 59 CM88 > DM59 W W0MTT
07260600 VE4 H W2DRE
07260600 VE8, VO H W2DRE
07261816 VE4VHF 95° EN19 50.036 B VE7SKA
07271432 CBKMT 4 SK 35 SBC BURST T VE7SKA
07271509 VE2UF 85° DO61 50.160 G VE7SKA
08040230 VE4VHF > CM85 B W7DB
08040234 VE4E 55 BO21 > CM85 W W7DB
08040243 VE4AQ EN19 > CM85 H W7DB
08040246 VE6/VE2SML DO21 > CM85 H W7DB
08040304 VE2UF 59+ DO61 > CM85 W W7DB
08040308 VE6UMU 559 > CM85 B W7DB
08040330 VE6EMU, VE6ARC, VE6a B K6QXY
08040330 VE6HDO 52 DE39 > CM85 W W7DB
08040334 VE6ARC 539 > CM85 B W7DB
08040341 VE6BCC 57 > CM85 H W7DB
08040400 VE7CPS DO23 50.135 H K6PV
08040404 VE8WD 559 DP22 > CM85 B W7DB
08040405 VE6AMB (CW) 50.128 H K6QXY
08041430 VE6a, VE7a K6QXY
08041530 VE6XT IN/OUT > CM85 W7DB
08041954 VE6XT DO21 > DM59 50.130 W W0MTT/M
08042130 VE2FIT < 2330 H G4IGO
08050115 VE4VHF > FN65 B VE9AA
08050205 VE7AGG DO00 > FN65 W VE9AA
08050217 VE6/VE2SML DO21 > FN65 W VE9AA
08050224 VE7XK CM89 > FN65 W VE9AA
08050244 VE4AQ EN19 > FN65 H VE9AA
08050249 VE3UF > FN65 H VE9AA
08102145 VE4VHF > FN13 B K2SP
08122140 VE8 > CW74 50.135 W WB7QBS/7
08122221 VE6EGH DO23 > CW74 50.135 W WB7QBS/7

COSTA RICA

08012215 TI4JHQ EK70 > EN35 WKD 2248 H KOGXJ
08012310 TI2NA IN/OUT > EN35 H KOGXJ
08012330 TI SAN JOSE > EN97 H KBSTEJ
08012XXX TI4JHQ, TI2NA > EN53 W WF9X

CUBA

07232213 CUBA 2 CUBA > LA T OGLETHO
07260105 CUBA 2 CUBA > LA T OGLETHO
07261600-CO2KK ARNE 59 > EM50 W KC5WCO
07261600-CO2RKR JOE 59 > EM50 W KC5WCO

GREENLAND

07171319 OK3LX W F5JJK
07191319 OK3LX W B59A
07191319 OK3LX W DL9USA
07171322 OK3LX W SP

HAITI

07261600-HB7PV PAT 59 > EM50 W KC5WCO
08012050 HB7PV 59 > EN13 (SD) 50.125 W XU/0

MEXICO

06211700 XHBST 4 SOW>CA T PIZII
06211700 XHIC 2 SOW>CA Paso Robles T PIZII
06211700 XHQX 3+SOW>CA T PIZII
06252000 UNID 2-4 MEXICO T K1MOD/9
06281615 UNID 2 MEXICO T K1MOD/9
06281652 XEFB 2 NL 1162 T K1MOD/9
07022124 XEPM 2 CH 1067 T K1MOD/9
07022300 X 2 > IL T SHULTS
07121730 XE2UEL B K6QXY
07131800 XE2HNB B K6QXY

07141540 XEPE 2 TAMS 1026 T K1MOD/9
07171636 XELB 4 CI 1265 T K1MOD/9
07191800 XE2UEL, XE1KK, XE2HNB B K6QXY
07211630 XEW 2t T K1MOD/9
07211700 X 4 T K1MOD/9
07231540 XEPE 2 TAMS 1026 T K1MOD/9
07232330 XHPB 3 COAH 984 T K1MOD/9
07260115 XHG 4 JAL > LA TV4 1003 T OGLETHO
07260502 XE2UEL 165° DM10 50.027 B VE7SKA
07261405 UNID 4 YUC MEXICO > LA T OGLETHO
07261405 XHMMH 2 YUC > LA 830 T OGLETHO
07261523 XHND 2 YUC > LA 830 T OGLETHO
07261535 UNID 2 MEXICO XEW T OGLETHO
07261645 XHG 4 JAL > SS XHTV ID T KRUSKA
07271837 XEPB 2 NL > LA 1003 T OGLETHO
07291715 UNID 2 MEXICO XEW T OGLETHO
07291726 XHDC 4 TAM > LA T OGLETHO
07291726 XHNNH 2 OAX > LA 950 T OGLETHO
08040312 XE2UEL > CM85 B W7DB
08041430 XE2UEL B K6QXY
08061600 X 2 T K1MOD/9
08061726 XEPM 2 CH 1067 T K1MOD/9
08262348 XE2UEL 185° DM10 50.027 B VE7SKA
08262320 XE2UEL DM10>CM85 > 0123 B W7DB

NEWFOUNDLAND

07101300+VO1EA 559 -1525 > IO80JV B G4UPS
07151548 VO1EA > IO70 B G1OW
07151553 VO1EA 339-569 -1711 > IO80JV B G4UPS

PUERTO RICO

07162213 KP4JN 53/57 50.20 S EH8BFX

ST LUCIA

06241644 J6/W6JWV FK93 > JO65ML W SM7FJE

TURKS & CAICOS

07261600-VE5JM JODI 59 > EM50 W KC5WCO

United States, W1

06140211+KM1H 50.153 H WB9GYT
06222359 WLBE 2 ME > IL T SHULTS
06230030 WGBH 2 MA > IL T SHULTS
06250110 WCVB 5 MA COD WATCH> IL T SHULTS
07051500 W1 MA, CT, RI K6QXY
07101517 W1A0UB 339-->569 > IO80JV H G4UPS
07101521 KM1H 559 -1610 > IO80JV H G4UPS
07101527 K1BO 449 > IO80JV H G4UPS
07101559 W1A0UB FN43 > JO65ML W SM7FJE
07101604 KM1H FN42 > JO66 SM7AED
07101628 W1A0UB FN43 > JO66 SM7AED
07131540+KM1H 50.145 H WB9GYT
07131600 WLBE 2 ME > IL T SHULTS
07151831 W1A0UB 59/59 FN43 50.20 S EH8BFX
07151832 WAIT 55/54 FN43LK 50.20 S EH8BFX
07151833 K1LK 51/53 FN32 50.20 S EH8BFX
07151835 K1MUC 57/54 FN42 50.20 S EH8BFX
07151836 W1RA 55/57 FN41 50.20 S EH8BFX
07151845 AFIT 55/55 FN43 50.20 S EH8BFX
07151848 K1WHS 51/53 FN43 50.20 S EH8BFX
07151853 W1OA 51/52 FN42 50.20 S EH8BFX
07151855 KM1H 55/54 FN42 50.20 S EH8BFX
07151857 K1MS 55/54 FN42 50.20 S EH8BFX
07151941 W1GNW 51/52 FN54 50.20 S EH8BFX
07152212+K1BG 339 > IO80JV H G4UPS
07152243 W1A0UB 329 > IO80JV H G4UPS
07152245 KM1H 229 > IO80JV H G4UPS
07162200 WFBG 3 CT > IL T SHULTS
07162210 WLBE 2 ME > IL T SHULTS
07162230 WGBH 2 MA > IL T SHULTS
07162238 WCAX 3 VT 951 T K1MOD/9
07162300 WABT 5 ME 1134 T K1MOD/9
07162300 WCAX 3 VT > IL T SHULTS
07162300 WLBE 2 ME 1134 T K1MOD/9
07171800 W1DAF 44 > IO80JV H G4UPS
07171804 W1A0UB 449 WKD 1810 579/559 C G4UPS
07171816 K1AA 559/549 FN43 DOX C G4UPS
07171816+K1EN 559 > IO80JV H G4UPS
07171820 KM1H 579/429 FN43 BILL C G4UPS
07171821 W1A0UB 449-569 -1832 > IO80 B G4UPS
07171840 KM1H FN42 > JO65ML W SM7FJE
07171842 W1RA FN41 > JO65ML W SM7FJE
07171849 KM1H 559/529 FN42 CARL C G4UPS
07171855 W1RA 57/57 FN41 > IO80JV S G4UPS
07171917 W1VHF 579/559 FN41 RI MICK C G4UPS
07171920 W1A0UB 579/559 FN43 BOB C G4UPS
07171926 K1MS 559/559 FN42 > IO80JV C G4UPS
07171926+W1AJAS 559, K1MUC 55 > IO80 H G4UPS
08042129 KM1H 579-->0 W4IGO
08042130+K1MFA, W1VHF < 2330 W4IGO
08042130+W1TDA < 2330 W4IGO
08042130+W1AVTA, W1RA < 2330 W4IGO
08121930 WGBH 2 MA > IL T SHULTS
08121950 WLBE 6 RI > IL T SHULTS
08121959 WFBG 3 CT > IL T SHULTS
08122000 WBT 4-MA > IL T SHULTS
08270220 W1/W3EP FN31 > DM70M KOGU
08270234 K1EE FN31 > DM70M KOGU

United States, W2

07051500 W2 NJ K6QXY
07162330 WTVH 5 NY > IL T SHULTS
07171926+K2OVH 559-->0 > IO80JV H G4UPS
08012215 WTVH 5 NY > LA 1212 T OGLETHO
08042024 W2/KBEE FN02 > EN74 W7DB
08042130+K2UMB, W2LBE < 2330 W4IGO
08050400 E2ODU FN02 > CM98, CM87 H W6
08050415 E2ODU FN02 > OR W7
08122125 WCBG 2 NY > IL T SHULTS
08122125 WNYW 5 NY > IL T SHULTS

United States, W3

06261800 WRC 4 DC 730 T KIMOD/9
06261857 WUMC 4 NC 702 T KIMOD/9
07051500 W3 MD
07101554 WA3TBO
07171836+WA3JO 559-->0
07231620 KDKA 2 PA > LA 945 T OGLETHO
07231625 WRC 4 DC > LA 1042 T OGLETHO
07231635 WTTG 5 DC > LA 1042 T OGLETHO
07231640 WMAZ 2 MD > LA 1072 T OGLETHO
07231720 WTAE 4 PA > LA 945 T OGLETHO
07251845 WMAZ 2 MD > LA 1072 T OGLETHO
07261400+W3 MD > EL83 W CO2OJ
07270155 WMAZ 2 MD > LA 1072 T OGLETHO
07270223 WRC 4 DC > LA 1042 T OGLETHO
07270223 WTTG 5 DC > LA 1042 T OGLETHO
07302110 WMAZ 2 MD > LA 1072 T OGLETHO
08012030 KDKA 2 PA > LA 945 T OGLETHO
08012215 WTAE 4 PA > LA 945 T OGLETHO
08021706 WRC 5 DC "Fox 5" T KRUSKA
08021706 WTTG 4 DC "Wild About T KRUSKA
08021757 KDKA 2 PA Pittsburgh T WA5IYX
08041430 W3 FM19
08042130+WA3TBO <2330 W GAIGO
08121258 KYW 3 PA > IL T SHULTS
08270235 WA3WUL DE FM29 > DN70MQ W KOGU

United States, W4

06281750 WESH 2 FL 956 T KIMOD/9
07011645 W4 (SPOTTY) K6QXY
07141500 W4 K6QXY
07152235 KJ4E 339 > IO80JV H GAUPS
07180030 WEDU 3 FL 1054 T KIMOD/9
07180030 WPBT 2 FL 1168 T KIMOD/9
07231600 WCBF 2 SC > LA 805 T OGLETHO
07231650 WFFF 4 SC > LA 676 T OGLETHO
07231653 WCCB 5 SC > LA 805 T OGLETHO
07231654 WNCN 4 NC > LA 875 T OGLETHO
07231654 WRVQ VA Richmond 94.5 F WA5IYX
07231656 WRAL 5 NC > LA 896 T OGLETHO
07231702 WFMY 2 NC > LA 838 T OGLETHO
07231710 WUND 2 NC > LA 1031 T OGLETHO
07231715 WCYB 5 VA > LA 721 T OGLETHO
07231730 WWL 4 LA 729 T KIMOD/9
07231759 WBJK 2 TH > LA 665 T OGLETHO
07232335 WPBT 2 FL > LA 939 T OGLETHO
07240000-W4 GA,FL -0400 > CM87 W WB9AJ's/6
07240100 W4 GA K6QXY
07240110 WESH 2 FL > LA 789 T OGLETHO
07251635 WFMY 2 NC > LA 838 T OGLETHO
07251640 WUND 2 NC > LA 1031 T OGLETHO
07251655 WUNC 4 NC > LA 875 T OGLETHO
07251810 WBJK 2 TH > LA 665 T OGLETHO
07260045 WPBT 2 FL > LA 939 T OGLETHO
07260138 WADUP 55 EM44 > CM85 W N7DB
07260600 W4 FL H WZDRE
07261359 WEDU 3 FL Tampa T WA5IYX
07261400 WDIQ 2 NC Dozier > DL95 T GARCIA
07261400+W4 GA,SC,NC,AL,VA,KY,TH W CO2OJ
07261422 W2ER FL Stuart 92.7 F WA5IYX
07261423 WBCF FL Vero Beach 91.9 F WA5IYX
07261425 WAKA FL Orlando 92.3 F WA5IYX
07261430 WAGA 5 GA Atlanta > DL95 T GARCIA
07261440 WFOR GA Atlanta 92.9 F GARCIA
07261445 WSPC 4 FL > LA 939 T OGLETHO
07261446 WPBT 2 FL > LA 939 T OGLETHO
07261446 WCFB FL Daytona Be 94.5 F WA5IYX
07261446 WNCU SC Greenville 94.5 F GARCIA
07261447 WCHK GA Canton 105.7 F GARCIA
07261456 WJME SC Greenville 107.3 F GARCIA
07261458 WFCB SC Greenville 93.7 F GARCIA
07261500 WBRU 6 AL Birmingham>DL95 T GARCIA
07261501 WMCU FL Miami 89.7 F WA5IYX
07261503 WMCQ- FL Hialeah 92.3 F WA5IYX
07261505 WKDQ FL Homestead 95.7 F WA5IYX
07261511 WLVE FL Miami Beach 93.9 F WA5IYX
07261511 WPOW FL Miami 96.5 F WA5IYX
07261516 WDRR FL Carlos Par 98.5 F WA5IYX
07261517 WMJZ AL Birmingham 96.5 F GARCIA
07261517 WETA FL Miami Beach 94.9 F WA5IYX
07261518 WRME FL Palm Beach 97.9 F WA5IYX
07261533 WTRK FL Fort Palm 107.2 F WA5IYX
07261535 WKCT FL Lehigh Acrlort 1.1 F WA5IYX
07261536 WKY FL La Belle 92.5 F WA5IYX
07261538 WHQT FL Coral Gabbil05.1 F WA5IYX
07261539 WSHI GA Thomasvill107.1 F GARCIA
07261540 WSEA FL Panama Cit105.1 F GARCIA
07261541 WGEH FL Titusville 98.1 F WA5IYX
07261541 WJBK FL Fort Myers 99.3 F WA5IYX
07261543 WZAT FL West Palm 104.3 F WA5IYX
07261545 WCTV 6 GA Thomasville T GARCIA
07261545 WMMY FL Solana 104.9 F WA5IYX
07261546 WBOG FL Fort Laundel05.9 F WA5IYX
07261548 WKKB FL Cape Coral103.9 F WA5IYX
07261551 WARO FL Naples 94.5 F WA5IYX
07261551 WOGK FL Ocala 93.7 F WA5IYX
07261553 WINK- FL Fort Myers 96.9 F WA5IYX
07261554 WBOF FL Belle Glad 93.5 F WA5IYX
07261557 WJCL GA Savannah 96.5 F GARCIA
07261600 WAKS FL Tampa 100.7 F WA5IYX
07261601 WTKS FL Cocoa Beach104.1 F WA5IYX
07261602 WGYL FL Vero Beach 93.7 F WA5IYX
07261602 WKGR FL Fort Pierce 98.7 F WA5IYX
07261606 OSV FL? 111.0 F WA5IYX
07261607 WBYE GA Baxley 94.5 F GARCIA
07261608 SGJ FL St. August109.4 F WA5IYX
07261611 WSTO KY Owensboro 96.1 F GARCIA
07261614 WRCJ FL Jacksonvill107.3 F GARCIA
07261628 WCGQ GA Columbus 107.3 F GARCIA
07261629 WBC 6 NC Wilmington>DL95 T GARCIA
07261630 WUBC 4 NC Chapel Hill T GARCIA
07261631 WHLG FL Jensen Beal02.3 F WA5IYX
07261632 WOCL FL De Land 105.9 F WA5IYX
07261636 WMTX- FL Clearwater 95.7 F WA5IYX
07261636 WYUW FL Safety Har 92.5 F WA5IYX
07261638 WWRM FL Tampa 94.9 F WA5IYX
07261647 WFLZ FL Tampa 93.3 F WA5IYX

07261647 WVOH- GA Hazlehurst 93.5 F WA5IYX
07261651 WJCL FL Jacksonville 96.9 F GARCIA
07261653 WKXB TN Knoxville 97.5 F GARCIA
07261655 WSKX GA Hinesville 92.3 F WA5IYX
07261705 WBYE GA Baxley 94.5 F WA5IYX
07261705 WISK- GA Americus 98.7 F WA5IYX
07261706 WL0W SC Hilton Heat107.9 F WA5IYX
07261715 WFOR 4 FL 745 T KRUSKA
07261720 WMOO FL Orlando 98.9 F WA5IYX
07261720 WVLK KY Lexington 92.9 F GARCIA
07261721 WPCB GA Atlanta 94.9 F WA5IYX
07261723 WHQY FL Orlando 96.5 F WA5IYX
07261728 WEDU 3 FL 550 T KRUSKA
07261728 WFOY? FL78t August105.5 F GARCIA
07261730 WOKA GA Douglas 106.7 F GARCIA
07261740 WNRK NC Charlotte 95.1 F GARCIA
07261750 WOKA FL Port St. J 94.5 F GARCIA
07261750 WJKB KY Somerset 97.1 F GARCIA
07261755 WJAB AL Huntsville 90.9 F GARCIA
07261759 WFSU FL Tallahassee 88.9 F GARCIA
07261811 WKQL FL Jacksonville 96.9 F WA5IYX
07261815+KRAQ FM03, KD4QWD FM06 144 W CO2OJ
07261815+K4KX, KD4UPP FM08+EL83 144 W CO2OJ
07261815+BGAC FM16, K1WW FM15 144 W CO2OJ
07261815+H4HR EM92, KM4ID EM93 144 W CO2OJ
07270230 WPHY 2 NC > LA 838 T OGLETHO
07270230 WUNC 4 NC > LA 875 T OGLETHO
07270235 WUMB 2 NC > LA 1031 T OGLETHO
07270325 WESH 2 FL > LA 789 T OGLETHO
07292158 KE4CIA EM64 > DM59 50.173 W WMTK
07292231 KC4YO EM75 > DM59 50.130 W WMTK
07302109 WBTV 3 NC Charlotte T WA5IYX
07302109 WBTV 3 NC Charlotte T WA5IYX
07302132 WNUU- SC Greenville 94.5 F WA5IYX
07302137 WESC- SC Greenville 92.5 F WA5IYX
08012248 W4 > EM35 H KOGJX
08020255 W4FVA > DM59 W WMTK
08021629 WWAY 3 NC Wilmington T WA5IYX
08021653 WFLB NC Laurinburg 96.5 F WA5IYX
08021655 WUND 2 NC Columbia >1300m T WA5IYX
08021700 WBTV 3 NC Charlotte T WA5IYX
08021701 WKML NC Lumberton 95.7 F WA5IYX
08021711 WKRR NC Asheville 92.3 F WA5IYX
08021715 WDCR NC Durham 105.1 F WA5IYX
08021717 WXXR NC Eden 94.5 F WA5IYX
08021718 WXXR NC Hickory 95.7 F WA5IYX
08021720 WTOR NC Statesville96.9 F WA5IYX
08021721 WFBG NC Concord 97.9 F WA5IYX
08021727 WAVE 3 KY local nx 620 T KRUSKA
08021728 WKXK VA Roanoke 92.3 F WA5IYX
08021729 WJSK 2 TN Sneedville T WA5IYX
08041534 W4 GA > CM85 H N7DB
08041600 W4 AL -1800 > CM92 H WA7TDE
08041822 WB4WXE EM74 > CM85 H N7DB
08061510 VA > DM59 H WMTK

United States, W5

06231558 KMD 2 TX >CA Paso Robles T PIZZI
06252000 KMD 2 TX 866 T KIMOD/9
06262210 KODT 2 TX > IL T SHULTS
06262220 KIII 3 TX > IL T SHULTS
06271731 KPRC 2 TX 799 T KIMOD/9
06281641 KIII 3 TX 968 T KIMOD/9
06281716 KPRC 2 TX 799 T KIMOD/9
06302330 KMD 2 TX > IL T SHULTS
07011645 W5 (SPOTTY) K6QXY
07022124 KMD 2 TX 866 T KIMOD/9
07022124 KOCT 6 NM 916 T KIMOD/9
07022124 KTKT 5 TX 778 T KIMOD/9
07022159 KASA 2 NM > IL T SHULTS
07022159 KEDW 3 NM > IL T SHULTS
07022200 KDNC 4 TX 1063 T KIMOD/9
07022200 KNEH 5 NM > IL T SHULTS
07022300 KENW 3 NM 858 T KIMOD/9
07022300 KMD 2 TX > IL T SHULTS
07022300 KOB 4 NM 932 T KIMOD/9
07100100 W5s TX K6QXY
07121730 W5 NM K6QXY
07141500 W5 NM, TX, OK, LA, MS K6QXY
07171655 KPRC 2 TX 799 T KIMOD/9
07180100 RACV 2 TX 708 T KIMOD/9
07191800 W5 NM K6QXY
07232210 KASA 2 NM 918 T KIMOD/9
07232210 KPRC 2 TX 799 T KIMOD/9
07240000+W5 TX,LA -0400 > CM87 WB9AJ's/6
07240100 W5 NM K6QXY
07240250 KASA 2 NM > LA FOX2 753 T OGLETHO
07260146+W5 NM DM64 -0453 VE7SKA
07260148 W5 AR EM34 > CM85 H N7DB
07260148 W5FF > CM85 H N7DB
07260234 KB5TUD 145XEL29>CM88 50.125 S VE7SKA
07260237 KC5OAO 145XEL39>CM88 50.125 S VE7SKA
07260252 W5QEP 54 EM30 > CM85 W N7DB
07260304 W5WE 150° EL09>CM88 50.160 S VE7SKA
07260306 W5HK 150° EL09>CM88 50.160 S VE7SKA
07260306 W5 BM00 > CM85 H N7DB
07260313 W5WE 57 EL09 > CM85 W CO2OJ
07261400+W5 AR,MS, TX,OK > EL83 W CO2OJ
07261436 KD5AFY 55 EM25 > DM59 W WMTK
07271810 KIII 3 TX 1162 T KIMOD/9
07292148 KC5OAO EM75 > DM59 50.173 W WMTK
08010354 K5CM 55 EM25>EM44 144.210 W N9ISN
08012248 W5 > EM35 H KOGJX
08012330-W5 TX,AR > EM97 H KB8TEJ
08020232 KB5OAI EM22 > DM59 50.130 W WMTK
08041433 K5QV DM65 > CM85 & 1506 H N7DB
08161245 W5 DM61 > EM49 KOFF
08270300 W5JHV BS FROM NE > DN70MQ W KOGU

United States, W6

07040610 USA TV 3 WEAK 61.24/61.26 V EK1AA
07191800 W6 S.CA K6QXY
08272035 KE6JAK 160° DM06 50.125 S VE7SKA
08131550 W6 > DM59 50.140 H WMTK
08131555 K6GMV > DM59 50.125 H WMTK
08140152 K6FV 175° CM87 50.068 B VE7SKA

08140158 K6GMV 175° DM04 50.130 S VE7SKA
08140159 KCRA 3 CA 175° > CM88 T VE7SKA
08140159 W6KH 175° CM97 50.125 S VE7SKA
08140200 KTVU 2 CA 175° > CM88 T VE7SKA
08140201 KB6WAX 175° CM87 50.125 S VE7SKA
08140202 W6WHY 175° CM87 50.125 S VE7SKA
08140203 AB6PY 175° CM88 50.125 S VE7SKA
08140209 K6QXY 175° CM88 50.150 S VE7SKA
08171223 KTVU 2 CA WEAK 55.26 V EK1AA
08262332 K6JKE > CM85 W N7DB
08262355 KB6WRO 185° DM12>CM88 .125 S VE7SKA
08270002 KO6CV 52 DM13 > CM85 W N7DB
08270007 KB6WRO 59 DM12 > CM85 W N7DB
08270101 KP6JBB 58 DM12 > CM85 W N7DB

United States, W7

06201526 KTVQ 2 MT >CA T PIZZI
06210300 KTVQ 2 MT >CA Paso Robles T PIZZI
07011900 W7 WY,WA K6QXY
07022329 KVOA 4 AZ 1240 T KIMOD/9
07041500 W7 WA,MT K6QXY
07051500 W7 MT,ID,WY K6QXY
07051500 W7HAH K6QXY
07051729 KGWL 5 WY > IL T SHULTS
07051729 KIDK 3 ID > IL T SHULTS
07051730 KTWQ 2 WY > IL T SHULTS
07051830 KBCI 2 ID > IL T SHULTS
07051830 KIDK 3 ID > IL T SHULTS
07072130 W7 DM51 K6QXY
07081700 W7DB, W7WKR B K6QXY
07081700 W7 OR,WA K6QXY
07141500 W7 AZ K6QXY
07162000 KTWQ 2 WY 823 T KIMOD/9
07191800 W7GE, W6SKC/7, W7a B K6QXY
07201600 KTVQ 2 MT A2 > LA 1215 T OGLETHO
07201600 W7HAB, W7a MT, ID B K6QXY
07201610 KMTT 4 MT FOX 4 1184 T OGLETHO
07201728 KSL 5 UT > LA 1160 T OGLETHO
07201728 KTVX 4 UT > LA 1160 T OGLETHO
07201728 KUTV 2 UT > LA 1160 T OGLETHO
07201823 W7/WB6NOA WY/DM43 50.125 S KR7AY
07201825 KC7RBS ID/DM33 50.135 S KR7AY
07201836 W7/KAGLNP UT/DM40 50.125 S KR7AY
07211615 KUTV 2 UT 1160 T OGLETHO
07211645 KCWCT 4 WY BARNBY T OGLETHO
07211910 KTVQ 2 MT > LA 1215 T OGLETHO
07232400 KTWQ 2 WY > LA K2 996 T OGLETHO
07240100 W7 AZ, W6SKC/7 B K6QXY
07240220 W7WE 56 CM81 > DM59 W WMTK
07240254 W7CI 57 DM41 > DM59 W WMTK
07240315 KRAE 2 AZ > LA 1045 T OGLETHO
07251659 KRAE 2 AZ > LA 1045 T OGLETHO
07260130 KE7BS 419 > CM85 B N7DB
07260146+W7 UT DM48 -0453 VE7SKA
07260242 KE7BS 135° DN41>CM88 50.060 B VE7SKA
07260250 W7UW 59 DM71 > CM85 W N7DB
07260316 KTVU 59 DM31 > CM85 W N7DB
07260323-W7HQD 59 DM31 > CM85 W N7DB
07260345 K7CA > CM85 H N7DB
07260415 W7 DM45 > CM85 H N7DB
07260452 K7RAT 59 CM85 > DM59 50.135 W WMTK
07261600 W7GJ DM27 H VP5JM
07261832 W7 UT DM30,31,41,DM57,48 VE7SKA
07272036 W7LQ 160° DM09 50.140 S VE7SKA
07272039 W7K 160° DM09 50.073 B VE7SKA
07292000 KRAE 2 AZ > LA 1045 T OGLETHO
07292127 KMTT 4 MT > LA 1184 T OGLETHO
07292259 KTWQ 2 WY > LA 996 T OGLETHO
08040330 W7HAH, W7a B K6QXY
08040339 W7/BOXX 55 CM84 BS 55° W N7DB
08040437 W7PQE CH96 AU > CM85 H N7DB
08040402 WA7TUE CH96 AU > CM85 H N7DB
08041430 W7 OR,WA K6QXY
08041538 W7FE CM88 > CM85 TR W N7DB
08041547 W7/KC5HHR/M 54 DM46 > CM85 W N7DB
08041557 W7DB 59 CM85 > DM78OV W BOYGM
08041822-WX7R > EM74 W WB4WKE
08050142 W7FE CM87 > FM65 WKD @ 0247 H VE9AA
08061510 W7 AZ > DM59 H WMTK
08061600 KRAE 2 AZ 1196 T KIMOD/9
08061651 KQFW WY Rock Sprin 95.5 F WA5IYX
08061741 WYFM UT Logan 94.3 F WA5IYX
08061744 KSHT UT Provo 94.9 F WA5IYX
08061750 KWEK UT Richfield 93.7 F WA5IYX
08061759 KHXU UT Mantl 105.1 F WA5IYX
08061801 KBZB UT Ogden 97.9 F WA5IYX
08061813 KYKA UT Nephi 103.9 F WA5IYX
08061851 KAML WY Gillette 96.9 F WA5IYX
08061854 KUBL UT Salt Lake 93.3 F WA5IYX
08061927 KUWR WY Laramie 91.9 F WA5IYX
08070240 KUNT UT Centerville105.7 F WA5IYX
08070241 KSHT UT Provo 94.9 F WA5IYX
08110100 KTWQ 2 WY > IL T SHULTS
08122014 KTXW CH96 > CM74 50.135 W WB7QBS/7
08122110 W7PQE CH96 > CM74 50.135 W WB7QBS/7
08122131 W7FI CH87 > CM74 50.135 W WB7QBS/7
08122140 W7AYF CH97 > CM74 50.135 W WB7QBS/7
08122141 K7AFMCH CH87 > CM74 50.135 W WB7QBS/7
08122142 W7PQE CH96 > CM74 50.135 W WB7QBS/7
08131630 W7AYF CH97 > DM04 LA W6
08140154 KTVU 175° CM87 50.125 S VE7SKA
08211559 W7LV 2 UT 160° > CM88 T VE7SKA
08211603 KE7BS 160° DN41 50.061 B VE7SKA

United States, W8

07231725 WJBK 2 MI > LA 904 T OGLETHO
07231728 WDTN 2 OH > LA 735 T OGLETHO
07261400 W8 OH > EL83 W CO2OJ
07271805 WMMT 3 MI Kalamazoo T WA5IYX
07271805 WMMT 3 MI Kalamazoo T WA5IYX
08012259 WDTV 5 WV > LA 876 T OGLETHO
08021718 WBAZ 3 WV Air Show T KRUSKA
08021727 WCHMT 4 OH "National Geo T KRUSKA
08021727 WDIW 4 MI logo 935 T KRUSKA
08021754 WBAZ 3 WV Huntington T WA5IYX
08041621 WJBK 2 MI Detroit T WA5IYX

08041725 WIRK MI Hancock 93.5 F W5IYX
08070057 WDTN 2 OH Dayton T W5IYX

United States, W9

07051500 W9 WI K6QXY
07231527 W9JMS EM69 > DM59 50.173 W W0MTK
07231735 WTTV 4 IN > LA NEW 619 T OGLETHO
07231858 WBBM 2 IL > LA 737 T OGLETHO
07240225 WBAY 2 WI > LA 892 T OGLETHO
07261400 W9 IN > EL83 W CO2OJ
08020215 K9FYI EM49 > DM59 W W0MTK
08041707 WBAY 2 MI Green Bay T W5IYX
08041715 WJQQ WI Tomahawk 92.5 F W5IYX
08041717 WTRV WI Lacrosse 95.7 F W5IYX
08041721 WMOA WI Minocqua 95.9 F W5IYX
08041721 WOSQ WI Spencer 92.3 F W5IYX
08041727 WRJO WI Eagle River 94.5 F W5IYX
08041728 WCFW WI Chippewa Falls 7.5 F W5IYX
08041728 WHEK WI Merrill 104.1 F W5IYX
08041734 WIXK WI New Richmond 107.1 F W5IYX
08052236 W9 > DM59 H W0MTK
08102145 W9FE > FM13 B K28PO
08110142 WY9V EM51 > DM59 50.145 W W0MTK
08110215 KB9LVD EM59 > DM59 50.125 W W0MTK
08110226 K9MVG > DM59 H W0MTK
08130136 K9AB IL > DM59 H W0MTK

United States, W0

06072139 K5WC 2 KS >CA T P18II
06132310 K5WE 3 NE >CA T P18II
06132310 K5WB 4 NE >CA T P18II
06180335 K5WG 2 CO >CA T P18II
06251535 K5WB 4 ND >CA P8S T P18II
06251535 K5MA 2 ND >CA Paso Robles T P18II
06251540 K5WG 4 ND >CA T8S T P18II
07012145 W0JR S9 CO/DM79 50.065 B K7AY
07012150 W0LL S1 KS/DM09 50.076 B K7AY
07012200 K5WK 3 KS 1179 T K7AY
07012200 K5WK 3 KS 1179 T K7AY
07012200 K5VC 3 CO 1014 T K7AY
07012200 K5VC 3 CO 1014 T K7AY
07012208 W0ME CO/DM79 50.125 H K7AY
07012218 K0GU CO/DM70 50.135 H K7AY
07012218 K5MA 2 ND >CA Paso Robles T P18II
07030100 W0 CO K6QXY
07051500 W0 SD K6QXY
07051827 W0LL KS/DM09 50.076 B K7AY
07051827 W0MTK CO/DM59 50.065 B K7AY
07051829 K5WK 3 KS 1179 T K7AY
07051829 K5WK 3 KS 1179 T K7AY
07081700 W0JR W0s CO, KS B K6QXY
07100100 W0JR W0s CO, KS B K6QXY
07141500 W0 KS, CO B K6QXY
07180240 W0LL W0s NE B K6QXY
07201000 W0 KS B K6QXY
07201700 K5FE 2 ND > LA PPTV 1086 T OGLETHO
07201748 K5DUH 4 NE 1133 T K7AY
07201748 K5DUH 4 NE 1133 T K7AY
07201826 K5OTA 3 SD 989 T K7AY
07201826 K5OTA 3 SD 989 T K7AY
07211600 K5WG 2 CO > LA 806 T OGLETHO
07231647 K0FF EM49 > DM59 50.140 W W0MTK
07240100 W0RMO, W0LL, W0JR, W0MTK B K6QXY
07240400 W0 CO, KS > CM87 WB9AJZ/6
07260130 W0MTK, W0JR > CM85 B W7DB
07260142 W0JR 120° DM79 > CM88 50.065 B V87SKA
07260142 W0MTK 120° DM59 > CM88 50.065 B V87SKA
07260146 W0 CO DM57, DM78, DM79, DM59 B V87SKA
07260257 W0LL 419 529 00326 > CM85 B W7DB
07260326 K5WJR 579, W0MTK 529 > CM85 B W7DB
07261338 K5YH DM79 W WB7DHC
07261731 W0LL 130° EM09 > CM88 50.077 B V87SKA
07261805 W0JR 130° DM79 50.065 B V87SKA
07291558 K5FE 2 ND > LA 1086 T OGLETHO
07292015 K5MA 2 ND > LA 1110 T OGLETHO
07292145 K5DUH 4 NE > LA KOTA 852 T OGLETHO
07292232 K0ETC EM27 > DM59 50.170 W W0MTK
08010355 W0JRP 54 EM27 > EM44 144.210 W N9ISB
08010357 W0IGS 57 EM26 > EM44 144.210 W N9ISB
08010359 W0MST 59 EM27 > EM44 144.210 W N9ISB
08020155 W0GUV J459 > S459 W W0MTK
08040230 W0ULX EM04 > CM85 H W7DB
08040246 W0 DM94 > CM85 H W7DB
08041430 W0 CO K6QXY
08041441 W0LL > CM85 & @ 1534 B W7DB
08041508 W0MTK W0WK > CM85 B W7DB
08041530 W0RMO > CM85 B W7DB
08041530 W0YGM 59 DM78 > CM85 B W7DB
08041746 K5KX MN Cold Spring 94.9 F W5IYX
08041748 K5FY MN Grand Rapids 96.9 F W5IYX
08041750 K5WE MN Madena 105.9 F W5IYX
08041751 W5TX MN Hibbing 93.9 F W5IYX
08041753 K5CQ MN Detroit La102.3 F W5IYX
08041806 K5KQ MN Warroad 92.5 F W5IYX
08041823 K5XA MN Alexandria 92.3 F W5IYX
08041950 K0GUV MN PARK RAPIDS 50.008 B W5IYX
08042036 W0AHR EM29 > DM59 50.173 W W0MTK
08042058 K0ETC EM27 > DM59 W W0MTK
08050317 W0OSP ND > FM65 B V89AA
08051430 W0MTK > EM74 B W7DB
08061624 K5OTA 3 SD Rapid City T W5IYX
08061643 K5VD CO Greeley 92.5 F W5IYX
08061718 K5AW 2 IA Cedar Rapids T W5IYX
08061724 K5RAI CO Craig 93.7 F W5IYX
08061730 K5JYE CO Grand Junction 92.3 F W5IYX
08070238 K5VD CO Greeley 92.5 F W5IYX
08071530 W0s CO, KS, NE B K6QXY
08071530 W0RMO, W0LL, W0MTK B K6QXY
08110120 K5WG 2 CO > IL T SHULTS
08111450 K0ETC EM27 > DM59 50.155 W W0MTK
08111452 K0CBA EM48 > DM59 50.155 W W0MTK
0812013 K0ICPL DM76 > CM74 50.135 W WB7QBS/7
08122200 W0 ST LOUIS H W3EAX
08131452 K0PAE EM48 > DM59 50.140 W W0MTK
08211509 W0MTK 150° DM59 50.065 B V87SKA
08211512 K0ABAD 150° DM57 50.125 B V87SKA

08211515 W0MTK 150° DM59 50.125 B V87SKA

Reports of Oceania

AUSTRALIA GEN.

08010140 VK TV CH 0 46.17/51.67 V EL3TY
08162100 VK WIR TV 40° Q056 46.172 VK3SIX

AUSTRALIA-VK1

08012130 VK1RX TR 800 km 50.125 C VK3SIX

AUSTRALIA-VK2

08010140 VK2YO 52/51 W EL3TY

AUSTRALIA-VK3

08012130 VK3RAP TR 500 km 50.125 C VK3SIX

AUSTRALIA-VK4

08010140 VK4RGG B EL3TY

HAWAIIAN IS.

06300725 KH0W 2 HI -1145 CD 55.26 V SK1AA
06300725 KGMV 3 HI Wailuku 61.25 B SK1AA
06300725 KH6HME HI B SK1AA
06300725 KH6C 4 HI Hilo 55.25 V SK1AA
06301500 KH0W 2 HI Honolulu weak V SK1AA
07011030 KH0W 2 HI -1200 CD 55.26 V SK1AA
07011437 KH0W 2 HI -1607 55.26 V SK1AA
07020925 KH0W 2 HI -1245 CD 55.26 V SK1AA
07030850 KH0W 2 HI -1240 CD 55.26 V SK1AA
07031438 KH0W 2 HI -1638 55.26 V SK1AA
07040725 KH0W 2 HI -1145 CD 55.26 V SK1AA
07041505 KH0W 2 HI -1535 55.26 V SK1AA
07050715 KH0W 2 HI -1142 CD 55.26 V SK1AA
07050715 K5VE 5 HI 77.25 V SK1AA
07050715 KH6 USUAL KH6 OFFSETS 2-5 V SK1AA
07050715 KH6HME HI B SK1AA
07061035 KH0W 2 HI -1145 VY W0AK B SK1AA
07070935 KH0W 2 HI -1215 CD 55.26 V SK1AA
07071433 KH0W 2 HI -1633 55.26 V SK1AA
07071800 KH6HME -0100 144,432,1296 trB K6QXY
07081045 KH0W 2 HI -1235 W0AK CD V SK1AA
07081440 KH0W 2 HI -1630 55.26 V SK1AA
07081600 KH6HME -1800 144,432,1296 trB K6QXY
07091145 KH0W 2 HI -1215 VY W0AK V SK1AA
07091930 KH6HI B K6QXY
07100625 KH0W 2 HI -1150 STRONG V SK1AA
07100625 KH6 USUAL KH6 OFFSETS 2-5 V SK1AA
07100625 KH6HME HI B SK1AA
07110632 KH0W 2 HI -1102 STRONG V SK1AA
07110632 KH6 USUAL KH6 OFFSETS 2-4 V SK1AA
07121130 KH0W 2 HI -1210 CD 55.26 V SK1AA
07121500 KH0W 2 HI -1630 55.26 V SK1AA
07140745 KH6 USUAL KH6 OFFSETS 2-4 V SK1AA
07140745 KH0W 2 HI -1140 CD 55.26 V SK1AA
07140745 KH6HME HI W0AK B SK1AA
07161035 KH0W 2 HI -1225 CD 55.26 V SK1AA
07161740 KH6HME -1800 tr 144.17 B K6QXY
07170000 KH6HME -0300 tr 144, 432 B K6QXY
07180800 KH0W 2 HI -0915 55.26 V SK1AA
07191500 KH0W 2 HI -1503 55.26 V SK1AA
07201115 KH0W 2 HI -1245 CD 55.26 V SK1AA
07230700 KH0W 2 HI -1215 CD 55.26 V SK1AA
07230700 KH6 USUAL KH6 OFFSETS 2-5 V SK1AA
07240800 KH0W 2 HI -1020 55.26 V SK1AA
07240800 KH6 USUAL KH6 OFFSETS 2-5 V SK1AA
07251005 KH0W 2 HI -1135 55.26 V SK1AA
07270830 KH0W 2 HI -1244 H0M0LULU V SK1AA
07270830 KGMV 3 HI WAILUKU 61.25 V SK1AA
07270830 KH6C 3 HI HILO 55.25 V SK1AA
07270830 K5TV 4 HI H0M0LULU 67.24 V SK1AA
07271420 KH0W 2 HI -1520 55.26 V SK1AA
07280715 KH0W 2 HI -1135 55.26 V SK1AA
07290907 KH0W 2 HI -1047 55.26 V SK1AA
07290907 KH6HME HI B SK1AA
07300620 KH0W 2 HI -1010 55.26 V SK1AA
07300620 K5VE 5 HI H0M0LULU 77.25 V SK1AA
07300620 KGMV 3 HI WAILUKU 61.25 V SK1AA
07300620 KH6HME HI B SK1AA
07300620 KH6C 2 HI HILO 55.25 V SK1AA
07300620 K5TV 4 HI H0M0LULU 67.24 V SK1AA
07312145 KH6HME 569 BK29DM12 144.17 B K6Q
08020400 KH6 2-4 HI Re? >0700X CH3 V SK1AA
08040720 KH6HME B K6FV
08040720 KH0W 2 HI & CH2-5 -1150 V SK1AA
08060630 KH6HME 539 TR DM12 144.170 B K6Q
08070755 KH0W 2 HI -1145 (CD) 55.26 V SK1AA
08080630 KH0W 2 HI -1200 CD 55.26 V SK1AA
08080630 KH6HME HI & CH2-5 B SK1AA
08090215 KH6HME 87 > DM05 TR 144.17 B K6PYI
08090300 KH6HME tr 144,432,1296weak B K6QXY
08090400 KH6HME > CM98 -1600 144.17 B K6SKO
08090406 KH6HME HI 569 TR 144.17 B K6FV
08090431 KH6HME HI 349 TR 432.077 B K6FV
08090655 KH0W 2 HI -1135 55.26 V SK1AA
08090655 KH6HME HI & CH2-4 B K6FV
08091500 KH6HME tr 144,432weak B K6QXY
08091645 KH6HME HI TR 144.17 B K6FV
08100620 KH0W 2 HI -1135 55.26 V SK1AA
08100620 KH6HME HI & CH2-5 B SK1AA
08111025 KH0W 2 HI -1125 CD 55.26 V SK1AA
08120710 KH0W 2 HI -1140 55.26 V SK1AA
08120710 KH6HME HI & CH2-5 B SK1AA
08140635 KH0W 2 HI -1105 55.26 V SK1AA
08140635 KH6HME HI & CH2-5 B SK1AA
08150717 KH0W 2 HI -1017 55.26 V SK1AA
08150717 KH6HME HI & CH2-5 B SK1AA
08170635 KH0W 2 HI -1223 CD 55.26 V SK1AA
08170635 KH6 4-5 HI H0M0LULU V SK1AA
08170735 KH6HME HI & CH2 KHBC B SK1AA
08171442 KH0W 2 HI -1600 55.26 V SK1AA

08180832 KH0W 2 HI -1036 CD 55.26 V SK1AA
08180832 KH6HME HI & CH2-5 B SK1AA
08190940 KH0W 2 HI -1040 VY W0AK V SK1AA
08190940 KH6 2 HI HILO & 4 H0M0 V SK1AA
08200640 KH0W 2 HI -1140 CD 55.26 V SK1AA
08200640 KH6HME HI & CH2-5 B SK1AA
08210830 KH0W 2 HI -1130 55.26 V SK1AA
08210830 KH6HME HI & KHBC HILO W0AK B SK1AA
08220848 KH0W 2 HI -1153 55.26 V SK1AA
08240724 KH0W 2 HI -1154 55.26 V SK1AA
08240724 KH6HME HI & CH2-5 B SK1AA
08250740 KH0W 2 HI -1115 CD 55.26 V SK1AA
08250740 KH6HME HI & CH2-5 B SK1AA
08260737 KH0W 2 HI -1140 CD 55.26 V SK1AA
08260737 K5TV 4 HI & K5VE-5 STRONG V SK1AA

MinamiTorishima

08052330 JDBIYI -2400 JA
08060925 JDBIYI -1000 JA
08060926 JDBIYI 50.110 JH0BQX

OGASAWARA IS.

07202332 JDBIYI 140° 59 50.200 JH4JFP
07202358 JDBIYI 140° 59 50.130 JH4JFP
07260056 JDBIYI 180° CHICHIJIMA 50.189 J01GTY
07260115 JDBIYI 50.189 JK1BLD
07260115 JDBIYI 100° OGASAWARA 50.190 JH3HED
07270114 JDBIYI 130° 59 50.167 JH3HED
07270115 JDBIYI 120° 59 50.167 JH4JFP/4
07270117 JDBIYI 50.166 J01TTH

QSL News

CM8LI Said Sidate, Rue My Idriss
Zerhoune, Souissi, Rabat, MOROCCO

LZ1UK and LZ2FO P O Box 30, Vidin
3700, BULGARIA

OH6KTL Lasse Nyberg, Alexandersga-
tan 35, Fin-64260 Kasko, FINLAND

SM3VEE Anders Bergman, Aasmyna-
vagen 11, S-821 40 Bollnas, SWEDEN

Z38/OH3MIG via OH3GZ

ZA1MH: Vladimir Kovaceski, P.O. Box
10, 96330 Struga, MACEDONIA#

Beacon News

YU6SIX JN92JJ, 50.022

VE8WD: DP22, 25W, J-pole#

KA4YMY FM06RE, 20W, Halo @
100' 50.068#

N8PUM 50.068 beacon temporarily off
the air as of August 4.

DX-peditions Upcoming

V47CA, St. Kitts: will be QRV between
November 16 and December 1 (for the
CQ WW CW contest). Before and after
the contest he will be QRV on the
WARC bands and 6m (with a vertical
and 100W) if propagation allows. QSL
to VE3BW.

9M0C, Layang Layang Is. A group
from the UK is planning to be QRV
from the Spratlys sometime in February
1988 and is planning on 6m in addition
to keeping 4 stations on HF around the
clock.

Oki-Archipelago (AS-041): has been
rescheduled for September 13-15 with
operations from 160 to 6 meters.